

ภาคผนวก ข

ระยะทางระหว่างจังหวัด

	ก	ข	ค	ด	จ	ฉ	ช	ซ	ญ	บ	ป	พ	ย	ธ	น	ว	อ	ส
ก	0.00	170.91	205.44	115.01	76.39	162.42	317.95	114.74	46.96	33.85	30.20	256.29	133.32	167.74	93.58	168.24	80.54	161.57
ข	170.91	0.00	373.52	279.02	237.45	142.11	486.74	248.74	126.63	138.74	165.63	316.90	279.46	37.10	174.43	338.23	121.39	145.13
ค	205.44	373.52	0.00	138.44	136.94	349.86	113.26	206.50	246.97	235.26	221.77	275.25	183.01	373.15	225.01	41.48	260.55	347.79
ด	115.01	279.02	138.44	0.00	102.61	220.38	236.35	68.06	161.56	148.50	113.40	317.96	49.11	267.69	188.78	97.63	194.00	217.80
จ	76.39	237.45	136.94	102.61	0.00	236.99	250.10	143.71	111.69	101.01	101.48	216.71	144.32	240.04	96.62	105.75	124.01	235.83
ฉ	162.42	142.11	349.86	220.38	236.99	0.00	455.55	162.61	150.44	152.21	135.52	399.28	196.53	107.22	230.92	308.80	182.29	3.71
ช	317.95	486.74	113.26	236.35	250.10	455.55	0.00	301.63	360.14	348.33	332.44	353.65	272.26	485.66	335.22	150.11	373.33	453.17
ซ	114.74	248.74	206.50	68.06	143.71	162.61	301.63	0.00	152.26	141.09	95.76	357.67	34.05	229.64	206.27	165.63	192.46	159.57
ญ	46.96	126.63	246.97	161.56	111.69	150.44	360.14	152.26	0.00	13.12	56.51	249.93	175.47	128.79	80.82	211.71	42.06	150.67
บ	33.85	138.74	235.26	148.50	101.01	152.21	348.33	141.09	13.12	0.00	45.82	251.06	163.35	139.04	82.12	199.49	51.54	152.14
ป	30.20	165.63	221.77	113.40	101.48	135.52	332.44	95.76	56.51	45.82	0.00	285.94	120.16	156.04	120.93	182.44	97.35	134.34
พ	256.29	316.90	275.25	317.96	216.71	399.28	353.65	357.67	249.93	251.06	285.94	0.00	361.02	343.13	169.21	275.50	217.83	399.83
ย	133.32	279.46	183.01	49.11	144.32	196.53	272.26	34.05	175.47	163.35	120.16	361.02	0.00	261.97	219.69	143.60	213.53	193.46
ธ	167.74	37.10	373.15	267.69	240.04	107.22	485.66	229.64	128.79	139.04	156.04	343.13	261.97	0.00	190.50	335.78	135.43	110.45
น	93.58	174.43	225.01	188.78	96.62	230.92	335.22	206.27	80.82	82.12	120.93	169.21	219.69	190.50	0.00	199.73	55.15	231.28
ว	168.24	338.23	41.48	97.63	105.75	308.80	150.11	165.63	211.71	199.49	182.44	275.50	143.60	335.78	199.73	0.00	229.37	306.68
อ	80.54	121.39	260.55	194.00	124.01	182.29	373.33	192.46	42.06	51.54	97.35	217.83	213.53	135.43	55.15	229.37	0.00	183.12
ส	161.57	145.13	347.79	217.80	235.83	3.71	453.17	159.57	150.67	152.12	134.34	399.83	193.46	110.45	231.28	306.68	183.12	0.00
ซ	22.34	191.72	183.38	101.55	54.81	182.48	296.09	114.12	65.79	53.12	47.29	247.22	127.25	189.77	92.75	146.69	92.82	181.42
ญ	64.39	157.60	224.33	168.72	88.67	200.55	336.82	178.82	50.12	50.46	90.15	200.66	195.00	168.65	31.70	194.42	37.10	200.76
บ	32.82	164.35	209.65	139.37	73.10	182.55	322.90	146.92	39.70	31.70	60.57	225.86	163.43	168.41	60.85	176.11	55.77	182.25
ป	178.23	338.69	140.61	63.50	159.31	263.97	212.56	101.37	224.46	211.48	173.95	367.87	67.52	324.46	250.48	109.21	257.50	260.93
พ	133.93	236.10	251.66	113.22	179.51	128.85	345.83	45.17	161.08	152.36	107.59	387.43	74.20	211.50	227.45	210.73	203.09	125.44
ย	132.76	148.83	315.90	186.26	205.65	34.20	421.34	129.80	127.78	127.24	104.43	377.66	163.84	118.33	208.46	274.77	163.97	31.91
ธ	92.75	155.08	274.30	147.75	163.79	75.71	380.97	98.61	97.12	93.36	63.32	343.99	132.02	132.17	175.44	233.36	137.38	73.87
น	92.75	155.08	274.30	147.75	163.79	75.71	380.97	98.61	97.12	93.36	63.32	343.99	132.02	132.17	175.44	233.36	137.38	73.87
ว	339.32	240.51	529.98	397.79	415.31	180.39	634.05	334.91	317.25	322.68	314.46	551.95	367.36	209.62	392.23	488.77	337.92	182.29
อ	684.99	608.01	847.89	709.47	756.61	523.84	935.92	641.41	672.98	675.82	656.38	916.39	666.40	576.50	751.94	807.01	699.46	524.22
ส	587.40	488.15	767.54	630.50	662.28	425.30	864.67	563.48	568.40	573.18	560.79	802.94	592.47	459.84	644.10	726.07	589.81	426.46
ซ	373.33	261.72	567.01	436.07	449.63	217.16	672.12	373.94	348.51	354.80	349.54	577.07	406.62	234.01	421.11	525.96	366.24	219.31
ญ	252.01	189.99	436.79	303.48	326.74	89.75	539.82	240.33	236.47	239.78	225.26	481.36	272.84	153.53	315.44	395.45	263.65	90.97
บ	570.26	528.24	712.78	575.84	636.31	417.49	792.98	508.72	567.19	567.44	540.34	816.72	529.77	492.78	647.98	673.05	599.62	416.90
ป	613.89	539.12	777.87	639.42	685.58	452.78	867.14	571.37	602.05	604.80	585.29	846.01	596.85	507.04	681.15	736.89	628.86	453.14
พ	297.17	262.50	461.93	323.96	367.27	141.20	557.10	256.41	291.09	291.83	267.90	540.44	284.86	225.56	371.82	420.60	323.41	140.61
ย	306.88	291.24	458.25	319.82	373.15	160.53	548.56	251.77	306.44	305.62	276.90	556.33	277.30	254.14	387.12	417.38	341.50	159.15
ธ	378.82	383.11	503.20	367.96	437.62	247.56	581.21	302.37	385.83	383.09	348.69	633.64	320.61	346.07	465.21	464.22	423.59	245.60
น	478.35	412.13	643.62	505.24	549.86	317.75	735.26	437.26	467.59	469.93	449.65	713.38	463.76	378.35	547.23	602.48	495.71	317.99
ว	626.55	505.83	817.28	683.24	702.78	468.27	919.45	618.24	601.45	608.02	602.28	822.58	649.25	482.60	672.28	775.94	617.16	470.08
อ	626.67	549.44	790.17	651.73	697.51	464.41	879.56	583.68	613.51	616.36	597.14	857.06	609.22	517.61	692.47	749.17	640.04	464.81
ส	464.50	353.70	654.42	520.79	540.56	305.42	757.12	456.36	441.13	447.09	439.76	669.79	487.88	326.92	514.24	613.10	459.39	307.20
ซ	403.16	319.30	583.20	446.84	477.61	240.79	682.12	380.50	386.43	390.40	376.14	627.03	410.56	287.02	464.04	541.72	410.78	241.82
ญ	432.59	373.70	596.08	457.70	503.21	272.69	687.87	389.72	422.98	424.86	403.35	670.11	416.27	338.90	503.05	554.95	452.29	272.74
บ	211.28	126.10	409.06	283.92	287.96	66.37	517.13	228.49	187.28	193.04	188.82	424.80	262.50	89.91	262.61	368.62	208.76	69.70
ป	473.56	555.88	496.38	399.26	499.01	415.89	528.19	361.00	503.04	494.37	449.22	715.71	354.69	522.70	566.65	469.67	545.09	412.52
พ	379.73	457.14	426.15	315.27	411.36	317.38	474.88	269.77	406.93	398.79	354.19	627.16	268.11	424.05	473.25	394.98	447.97	313.98
ย	284.15	341.69	378.79	248.08	330.26	200.76	452.17	187.61	303.91	297.59	255.82	539.24	199.19	307.83	376.74	341.33	345.35	197.44
ธ	620.54	685.98	649.39	551.74	650.43	543.90	676.28	510.21	646.67	638.95	594.71	866.87	506.27	650.83	714.08	623.11	688.63	540.85
น	219.27	346.64	241.61	131.76	232.62	235.41	305.24	105.47	257.70	246.55	201.20	449.13	89.35	322.79	308.37	208.76	297.88	231.79
ว	275.70	415.72	242.29	170.52	272.19	308.67	278.35	168.43	318.09	306.03	262.37	483.28	142.69	393.61	358.38	219.17	356.11	305.06
อ	425.50	514.76	446.17	348.92	449.05	376.72	480.65	312.18	456.36	447.30	401.87	665.76	304.77	482.60	518.25	419.12	498.33	373.23
ส	564.73	672.33	536.47	470.78	573.36	537.71	537.80	450.15	601.07	590.63	544.85	786.28	434.32	641.83	653.96	519.32	642.17	534.13
ซ	533.86	642.34	507.62	440.11	542.71	508.39	511.99	419.30	570.27	559.81	514.04	755.90	403.47	612.10	623.10	489.75	611.34	504.79
ญ	519.64	623.33	503.22	429.26	531.82	487.95	513.49	404.90	554.82	544.68	498.86	746.35	390.81	592.47	609.93	483.42	596.20	484.38
บ	477.51	477.88	592.49	460.22	534.60	345.39	663.21	396.52	485.05	482.28	447.44	732.71	411.83	440.79	564.39	554.76	522.71	343.62
ป	472.74	621.44	369.93	359.43	451.72	513.87	337.52	372.90	517.69	505.04	463.69	642.52	343.90	600.09	545.84	367.51	552.89	510.21
พ	547.24	629.19	560.90	470.06	570.75	488.63	583.98	434.18	577.15	568.40	523.16	787.42	426.57	595.66	640.15	536.38	619.19	485.31
ย	358.67	492.47	313.36	254.24	355.55	376.03	327.54	248.80	400.15	388.34	343.99	564.80	225.37	467.99	442.17	295.62	438.86	372.34
ธ	617.43	674.21	657.72	554.43	651.25	532.19	690.21	509.34	641.31	634.19	590.72	866.94	507.80	638.49	710.98	629.71	683.06	529.29
น	440.64	471.04	531.36	405.33	489.25	330.71	593.66	346.54	455.88</									

i1	22.34	64.39	32.82	178.23	133.93	132.76	92.75	92.75	339.32	684.99	587.40	373.33	252.01	570.26	613.89	297.17	306.88	378.82
i2	191.72	157.60	164.35	338.69	236.10	148.83	155.08	155.08	240.51	608.01	488.15	261.72	189.99	528.24	539.12	262.50	291.24	383.11
i3	183.38	224.33	209.65	140.61	251.66	315.90	274.30	274.30	529.98	847.89	767.54	567.01	436.79	712.78	777.87	461.93	458.25	503.20
i4	101.55	168.72	139.37	63.50	113.22	186.26	147.75	147.75	397.79	709.47	630.50	436.07	303.48	575.84	639.42	323.96	319.82	367.96
i5	54.81	88.67	73.10	159.31	179.51	205.65	163.79	163.79	415.31	756.61	662.28	449.63	326.74	636.31	685.58	367.27	373.15	437.62
i6	182.48	200.55	182.55	263.97	128.85	34.20	75.71	75.71	180.39	523.84	425.30	217.16	89.75	417.49	452.78	141.20	160.53	247.56
i7	296.09	336.82	322.90	212.56	345.83	421.34	380.97	380.97	634.05	935.92	864.67	672.12	539.82	792.98	867.14	557.10	548.56	581.21
i8	114.12	178.82	146.92	101.37	45.17	129.80	98.61	98.61	334.91	641.41	563.48	373.94	240.33	508.72	571.37	256.41	251.77	302.37
i9	65.79	50.12	39.70	224.46	161.08	127.78	97.12	97.12	317.25	672.98	568.40	348.51	236.47	567.19	602.05	291.09	306.44	385.83
i10	53.12	50.46	31.70	211.48	152.36	127.24	93.36	93.36	322.68	675.82	573.18	354.80	239.78	567.44	604.80	291.83	305.62	383.09
i11	47.29	90.15	60.57	173.95	107.59	104.43	63.32	63.32	314.46	656.38	560.79	349.54	225.26	540.34	585.29	267.90	276.90	348.69
i12	247.22	200.66	225.86	367.87	387.43	377.66	343.99	343.99	551.95	916.39	802.94	577.07	481.36	816.72	846.01	540.44	556.33	633.64
i13	127.25	195.00	163.43	67.52	74.20	163.84	132.02	132.02	367.36	666.40	592.47	406.62	272.84	529.77	596.85	284.86	277.30	320.61
i14	189.77	168.65	168.41	324.46	211.50	118.33	132.17	132.17	209.62	576.50	459.84	234.01	153.53	492.78	507.04	225.56	254.14	346.07
i15	92.75	31.70	60.85	250.48	227.45	208.46	175.44	175.44	392.23	751.94	644.10	421.11	315.44	647.98	681.15	371.82	387.12	465.21
i16	146.69	194.42	176.11	109.21	210.73	274.77	233.36	233.36	488.77	807.01	726.07	525.96	395.45	673.05	736.89	420.60	417.38	464.22
i17	92.82	37.10	55.77	257.50	203.09	163.97	137.38	137.38	337.92	699.46	589.81	366.24	263.65	599.62	628.86	323.41	341.50	423.59
i18	181.42	200.76	182.25	260.93	125.44	31.91	73.87	73.87	182.29	524.22	426.46	219.31	90.97	416.90	453.14	140.61	159.15	245.60
i19	0.00	68.21	37.83	165.01	140.22	151.71	110.45	110.45	360.50	703.61	607.76	394.88	272.22	586.37	632.53	314.90	322.86	391.81
i20	68.21	0.00	31.91	231.79	197.38	177.20	143.75	143.75	365.39	722.86	617.00	395.51	286.27	617.09	651.96	341.10	355.79	433.52
i21	37.83	31.91	0.00	202.81	166.60	155.92	118.97	118.97	354.34	706.39	604.67	386.50	270.80	595.87	635.33	321.00	333.18	407.95
i22	165.01	231.79	202.81	0.00	140.36	231.05	197.47	197.47	434.17	723.38	655.17	473.61	339.79	581.33	654.73	347.79	336.86	369.85
i23	140.22	197.38	166.60	140.36	0.00	99.43	81.13	81.13	293.83	596.28	518.90	333.33	199.53	464.60	526.21	211.54	206.65	260.02
i24	151.71	177.20	155.92	231.05	99.43	0.00	42.38	42.38	214.13	552.23	457.07	251.22	122.05	440.23	481.14	165.11	178.67	259.77
i25	110.45	143.75	118.97	197.47	81.13	42.38	0.00	0.00	256.10	593.19	499.38	292.74	164.43	477.66	522.11	204.59	214.48	289.78
i26	110.45	143.75	118.97	197.47	81.13	42.38	0.00	0.00	256.10	593.19	499.38	292.74	164.43	477.66	522.11	204.59	214.48	289.78
i27	360.50	365.39	354.34	434.17	293.83	214.13	256.10	256.10	0.00	367.51	251.90	40.13	94.59	301.63	298.86	116.22	152.29	229.01
i28	703.61	722.86	706.39	723.38	596.28	552.23	593.19	593.19	367.51	0.00	141.49	350.72	436.59	162.84	71.10	389.63	389.65	361.73
i29	607.76	617.00	604.67	655.17	518.90	457.07	499.38	499.38	251.90	141.49	0.00	226.43	335.54	200.48	100.39	307.64	320.54	327.60
i30	394.88	395.51	386.50	473.61	333.33	251.22	292.74	292.74	40.13	350.72	226.43	0.00	133.82	303.06	284.64	153.43	187.86	257.93
i31	272.22	286.27	270.80	339.79	199.53	122.05	164.43	164.43	94.59	436.59	335.54	133.82	0.00	340.43	365.74	74.78	109.11	202.93
i32	586.37	617.09	595.87	581.33	464.60	440.23	477.66	477.66	301.63	162.84	200.48	303.06	340.43	0.00	117.92	276.30	263.51	211.80
i33	632.53	651.96	635.33	654.73	526.21	481.14	522.11	522.11	298.86	71.10	100.39	284.64	365.74	117.92	0.00	318.71	319.71	297.59
i34	314.90	341.10	321.00	347.79	211.54	165.11	204.59	204.59	116.22	389.63	307.64	153.43	74.78	276.30	318.71	0.00	38.24	128.63
i35	322.86	355.79	333.18	336.86	206.65	178.67	214.48	214.48	152.29	389.65	320.54	187.86	109.11	263.51	319.71	38.24	0.00	93.36
i36	391.81	433.52	407.95	369.85	260.02	259.77	289.78	289.78	229.01	361.73	327.60	257.93	202.23	211.80	297.59	128.63	93.36	0.00
i37	496.87	517.63	500.24	523.47	392.10	345.59	386.43	386.43	176.86	206.76	142.85	174.74	232.06	128.65	135.72	183.12	186.70	184.80
i38	647.99	647.74	639.70	714.42	575.05	501.81	543.95	543.95	287.96	206.86	94.77	253.33	380.50	294.95	188.12	368.87	388.69	410.26
i39	644.39	663.38	646.95	667.15	538.51	492.93	533.99	533.99	309.03	59.48	101.37	293.83	377.12	127.15	12.44	330.78	332.05	309.87
i40	485.75	488.46	478.78	553.71	413.74	338.92	381.07	381.07	125.29	268.79	136.04	93.16	217.68	256.73	208.46	212.97	238.61	282.70
i41	423.24	435.78	421.64	474.89	336.49	272.19	314.45	314.45	80.37	289.67	184.99	80.11	151.17	224.09	220.02	128.57	151.26	197.89
i42	450.51	473.08	454.85	476.23	344.56	299.63	340.07	340.07	146.92	253.57	184.95	154.72	189.15	155.96	182.70	136.06	139.37	147.70
i43	233.32	235.41	224.73	329.80	195.13	98.79	136.44	136.44	130.02	491.63	381.63	161.98	63.96	403.00	421.42	137.65	169.21	262.45
i44	475.09	537.89	506.34	360.87	342.05	407.73	414.26	414.26	469.61	553.92	560.35	502.74	415.50	391.44	504.71	355.87	318.12	249.49
i45	382.99	443.73	412.54	286.18	246.61	309.01	316.47	316.47	383.28	523.34	506.26	418.75	321.66	362.16	465.69	267.44	231.09	180.05
i46	292.06	345.75	316.22	242.15	152.00	195.16	208.76	208.76	278.94	490.49	443.36	316.98	207.79	341.42	424.73	163.67	132.73	129.86
i47	623.75	684.44	653.34	514.34	487.15	541.46	554.03	554.03	559.55	541.96	586.44	586.32	525.25	391.93	509.61	456.07	418.23	330.88
i48	215.64	282.56	250.71	101.01	111.30	209.15	191.64	191.64	381.29	637.13	580.85	421.42	291.24	489.28	570.27	279.64	260.56	277.69
i49	267.69	335.90	304.86	115.46	182.93	281.79	261.61	261.61	452.12	688.75	642.12	492.18	363.43	535.14	624.08	346.89	324.31	327.04
i50	426.30	489.89	458.20	310.27	295.32	366.00	369.68	369.68	446.07	565.41	559.11	481.20	384.50	402.69	511.63	330.38	293.80	237.09
i51	561.31	628.28	596.40	418.53	443.11	523.84	521.98	521.98	610.52	687.35	703.07	644.86	549.86	526.83	642.68	495.29	458.28	394.05
i52	530.44	597.41	565.53	388.27	412.52	493.99	491.58	491.58	585.28	676.64	685.78	620.22	522.57	514.00	628.65	469.61	432.99	372.08
i53	517.18	583.56	551.64	379.73	395.78	474.67	473.93	473.93	560.65	649.63	659.22	595.27	499.47	487.82	602.28	445.23	408.37	346.07
i54	480.98	532.70	506.93	455.38	355.73	358.80	388.95	388.95	296.58	309.56	315.60	316.65	291.62	147.12	256.83	216.91	186.78	99.22
i55	460.94	527.96	498.77	296.17	389.47	488.01	467.99	467.99	644.85	825.81	805.51	684.21	561.40	663.81	768.69	532.76	503.69	478.01
i56	548.31	611.60	579.98	428.52	416.12	481.36	488.43	488.43	532.21	576.52	599.51	563.41	483.87	417.38	534.28	420.94	382.77	306.16
i57	351.27	419.45	388.27	197.37	256.66	352.49	337.41	337.41	501.89	698.29	668.20	541.23	419.16	538.74	637.82	389.93	361.46	342.35
i58	621.91	680.80	650.13	520.54	483.53	531.95	547.10	547.10	537.35	506.72	554.07	562.61	508.09	358.16	475.58	437.22	399.87	310.07
i59	449.91	500.41	472.03	391.51	310.47	336.14	358.86	358.86	328.48	394.82	393.47	356.22	298.10	232.35	341.01	226.48	189.36	99.72
i60	490.49	558.38	526.80	339														

	#37	#38	#39	#40	#41	#42	#43	#44	#45	#46	#47	#48	#49	#50	#51	#52	#53	#54
i1	478.35	626.55	625.67	464.50	403.16	432.29	211.58	473.56	379.73	284.15	620.54	219.27	275.70	425.50	564.73	533.86	519.64	477.51
i2	412.13	505.83	549.44	353.70	319.30	373.70	126.10	555.88	457.14	341.69	685.98	346.64	415.72	514.76	672.33	642.34	623.33	477.88
i3	643.62	817.28	790.17	654.42	583.20	596.08	409.06	496.38	426.15	378.79	649.39	241.61	242.29	446.17	536.47	507.62	503.22	592.49
i4	505.24	683.24	651.73	520.79	446.84	457.70	283.92	399.26	315.27	248.08	551.74	131.76	170.52	348.92	470.78	440.11	429.26	460.22
i5	549.86	702.78	697.51	540.56	477.61	503.21	287.96	499.01	411.36	330.26	650.43	232.62	272.19	449.05	573.36	542.71	531.82	534.60
i6	317.75	468.27	464.41	305.42	240.79	272.69	66.37	415.89	317.38	200.76	543.90	235.41	308.67	376.72	537.71	508.39	487.95	345.39
i7	735.26	919.45	879.56	757.12	682.12	687.87	517.13	528.19	474.88	452.17	676.28	305.24	278.35	480.65	537.80	511.99	513.49	663.21
i8	437.26	618.24	583.68	456.36	380.50	389.72	228.49	361.00	269.77	187.61	510.21	105.47	168.43	312.18	450.15	419.30	404.90	396.52
i9	467.59	601.45	613.51	441.13	386.43	422.98	187.28	503.04	406.93	303.91	646.67	257.70	318.09	456.36	601.07	570.27	554.82	485.05
i10	469.93	608.02	616.36	447.09	390.40	424.86	193.04	494.37	398.79	297.59	638.95	246.55	306.03	447.30	590.63	559.81	544.68	482.28
i11	449.65	602.28	597.14	439.76	376.14	403.35	188.82	449.22	354.19	255.82	594.71	201.20	262.37	401.87	544.85	514.04	498.86	447.44
i12	713.38	822.58	857.06	669.79	627.03	670.11	424.80	715.71	627.16	539.24	866.87	449.13	483.28	665.76	786.28	755.90	746.35	732.71
i13	463.76	649.25	609.22	487.88	410.56	416.27	262.50	354.69	268.11	199.19	506.27	89.35	142.69	304.77	434.32	403.47	390.81	411.83
i14	378.35	482.60	517.61	326.92	287.02	338.90	89.91	522.70	424.05	307.83	650.83	322.79	393.61	482.60	641.83	612.10	592.47	440.79
i15	547.23	672.28	692.47	514.24	464.04	503.05	262.61	566.65	473.25	376.74	714.08	308.37	358.38	518.25	653.96	623.10	609.93	564.39
i16	602.48	775.94	749.17	613.10	541.72	554.95	368.62	469.67	394.98	341.33	623.11	208.76	219.17	419.12	519.32	489.75	483.42	458.60
i17	495.71	617.16	640.04	459.39	410.78	452.29	208.76	545.09	448.97	345.35	688.63	297.88	356.11	498.33	642.17	611.34	596.20	522.71
i18	317.99	470.08	464.81	307.20	241.82	272.74	69.70	412.52	313.98	197.44	540.85	231.79	305.06	373.23	534.13	504.79	484.38	343.62
i19	496.87	647.99	644.39	485.75	423.24	450.51	233.32	475.09	382.99	292.06	623.75	215.64	267.69	426.30	561.31	530.44	517.18	498.98
i20	517.63	647.74	663.38	488.46	435.78	473.08	235.41	537.89	443.73	345.75	684.44	282.56	335.90	489.89	628.28	597.41	583.56	532.70
i21	500.24	639.70	646.95	478.78	421.64	454.85	224.73	506.34	412.54	316.22	653.34	250.71	304.86	458.20	590.40	565.53	551.64	506.93
i22	523.47	714.42	667.15	553.71	474.89	476.23	329.80	360.87	286.18	242.15	514.34	101.01	115.46	310.27	418.53	388.27	379.73	455.38
i23	392.10	575.05	538.51	413.74	336.49	344.56	195.13	342.05	246.61	152.00	487.15	111.30	182.93	295.32	443.11	412.52	395.78	355.73
i24	345.59	501.81	492.93	338.92	272.19	299.63	98.79	407.73	309.01	195.16	541.46	209.15	281.79	366.00	523.84	493.99	477.47	358.80
i25	386.43	543.95	533.99	381.07	314.45	340.07	136.44	414.26	316.47	208.76	554.03	191.64	261.61	369.68	521.98	491.58	473.93	388.95
i26	386.43	543.95	533.99	381.07	314.45	340.07	136.44	414.26	316.47	208.76	554.03	191.64	261.61	369.68	521.98	491.58	473.93	388.95
i27	176.86	287.96	309.03	125.29	80.37	146.92	130.02	469.61	383.28	278.94	559.55	381.29	452.12	446.07	610.52	588.28	560.65	296.58
i28	206.76	206.86	59.48	268.79	289.67	253.57	491.63	553.92	523.34	490.49	541.96	637.13	688.75	565.41	687.35	675.64	649.63	309.56
i29	142.85	94.77	101.37	136.04	184.99	184.95	381.63	560.35	506.26	443.36	586.44	580.85	642.12	559.11	703.07	685.78	659.22	315.60
i30	174.74	253.33	293.83	93.16	80.11	154.72	161.98	502.74	418.75	316.98	586.32	421.42	492.18	481.20	644.86	620.22	595.27	316.65
i31	232.06	380.50	377.12	217.68	151.17	189.15	63.96	415.50	321.66	207.79	525.25	291.24	363.43	384.50	549.86	522.57	499.47	291.62
i32	128.65	294.95	127.15	256.73	224.09	155.96	403.00	391.44	362.16	341.42	391.93	489.28	535.14	402.69	526.83	514.00	487.82	147.12
i33	135.72	188.12	12.44	208.46	220.02	182.70	421.42	504.71	465.69	424.73	509.61	570.27	624.08	511.63	642.68	628.65	602.28	256.83
i34	183.12	368.87	330.78	212.97	128.57	136.06	137.65	355.87	267.44	163.67	456.07	279.64	346.89	330.38	495.29	469.61	445.23	216.91
i35	186.70	388.69	332.05	238.61	151.26	139.37	169.21	318.12	231.09	132.73	418.23	260.56	324.31	293.80	458.28	432.99	408.37	186.78
i36	184.80	410.26	309.87	282.70	197.89	147.70	262.45	249.49	180.05	129.86	330.88	277.69	327.04	237.09	394.05	372.08	346.07	99.22
i37	0.00	227.52	147.70	135.05	97.12	47.55	290.41	422.52	363.97	302.42	465.66	443.50	502.10	418.12	566.66	547.78	521.28	186.09
i38	227.52	0.00	185.50	162.90	240.33	263.10	415.31	649.67	590.26	517.71	680.77	647.98	713.00	645.46	793.37	775.05	748.52	407.71
i39	147.70	185.50	0.00	215.69	230.63	194.81	432.36	515.53	477.46	437.13	518.12	582.71	636.44	522.99	652.98	639.24	612.91	267.87
i40	135.05	162.90	215.69	0.00	87.97	142.88	254.05	531.93	458.73	371.16	593.15	492.15	559.86	518.53	676.67	654.73	628.76	312.42
i41	97.12	240.33	230.63	87.97	0.00	75.12	202.27	447.30	371.52	283.48	517.87	408.04	474.31	431.91	591.64	568.98	543.21	242.35
i42	47.55	263.10	194.81	142.88	75.12	0.00	249.72	393.25	327.68	258.40	450.44	397.42	457.38	384.43	538.09	517.57	491.28	171.39
i43	290.41	415.31	432.36	254.05	202.27	249.72	0.00	460.49	363.62	246.55	578.72	300.17	373.55	425.19	589.02	560.52	538.78	354.36
i44	422.52	649.67	515.53	531.93	447.30	393.25	460.49	0.00	98.75	215.32	153.47	267.53	255.19	50.63	144.88	125.44	98.89	248.15
i45	363.97	590.26	477.46	458.73	371.52	327.68	363.62	98.75	0.00	117.32	240.84	186.55	196.85	63.10	228.53	202.23	178.23	215.64
i46	302.42	517.71	437.13	371.16	283.48	258.40	246.55	215.32	117.32	0.00	346.53	147.87	199.97	178.67	343.14	315.27	292.78	210.20
i47	465.66	680.77	518.12	593.15	517.87	450.44	578.72	153.47	240.84	346.53	0.00	420.25	407.53	204.08	185.36	193.01	177.63	283.72
i48	443.50	647.98	582.71	492.15	408.04	397.42	300.17	267.53	186.55	147.87	420.25	0.00	73.38	217.16	345.75	314.87	301.64	358.05
i49	502.10	713.00	636.44	559.86	474.31	457.38	373.55	255.19	196.85	199.97	407.53	73.38	0.00	205.65	303.07	272.83	264.82	396.05
i50	418.12	645.46	522.99	518.53	431.91	384.43	425.19	50.63	63.10	178.67	204.08	217.16	205.65	0.00	165.47	139.24	115.14	255.94
i51	566.66	793.37	652.98	676.67	591.64	538.09	589.02	144.88	228.53	343.14	185.36	345.75	303.07	165.47	0.00	30.87	50.39	388.42
i52	547.78	775.05	639.24	654.73	568.98	517.57	560.52	125.44	202.23	315.27	193.01	314.87	272.83	139.24	30.87	0.00	26.56	372.78
i53	521.28	748.52	612.91	628.76	543.21	491.28	538.78	98.89	178.23	292.78	177.63	301.64	264.82	115.14	50.39	26.56	0.00	346.29
i54	186.09	407.71	267.87	313.42	242.35	171.39	354.36	248.15	215.64	213.72	280.20	358.05	396.05	255.94	388.42	372.78	346.29	0.00
i55	662.66	885.46	780.46	742.15	654.39	622.77	577.72	289.53	303.00	371.00	401.38	278.87	206.58	263.51	226.68	210.02	223.84	516.71
i56	467.19	691.54	544.21	584.78	502.92	443.14	531.27	74.20	172.45	287.87	93.21	338.40	318.61	122.05	112.84	109.76	89.23	283.95
i57	525.62	745.75	649.89	600.07	512.51	484.10	438.37	204.08	178.41	229.08	348.90	145.87	83.80	160.83	223.74	194.42	190.28	393.26
i58	436.12	648.61	483.87	565.39	492.22	423.16	563.54	162.42	239.89	338.42	36.02	423.92	417.38	211.80	216.60	221.24	203.37	251.97
i59	256.40	483.07	352.28	372.														

i1	472.74	547.24	358.67	617.43	440.64	496.15	489.52	557.95	655.66	465.94	667.86	626.76	895.42	776.53	633.97	683.97	679.58	809.39
i2	621.44	629.19	492.47	674.21	471.04	617.33	518.12	692.59	707.00	512.01	733.97	699.38	1002.28	884.08	671.32	764.98	716.77	910.77
i3	369.93	560.90	313.36	657.72	531.36	451.74	575.71	479.17	599.90	440.80	591.51	545.06	753.41	637.69	598.29	586.23	640.04	677.44
i4	359.43	470.06	254.24	554.43	405.33	395.67	451.90	449.53	694.84	516.74	696.33	651.79	885.11	767.97	682.89	700.61	727.20	805.69
i5	451.72	570.75	355.55	651.25	489.25	497.56	537.35	547.66	603.36	419.89	610.07	567.21	824.17	705.51	587.35	621.00	632.28	739.75
i6	513.87	488.63	376.03	532.19	330.71	489.40	378.50	571.42	801.44	607.54	819.40	780.27	1057.30	938.36	773.39	840.32	819.28	970.50
i7	337.52	583.98	327.54	690.21	593.66	449.73	633.99	453.43	613.96	481.65	593.35	545.84	703.54	593.44	623.95	574.23	661.72	637.28
i8	372.90	434.18	248.80	509.34	346.54	383.14	394.28	449.51	746.88	563.29	752.18	708.61	950.72	833.14	730.94	760.06	775.94	870.07
i9	517.69	577.15	400.15	641.31	455.88	535.39	504.88	600.34	652.29	459.36	669.10	629.83	910.96	792.01	626.32	690.07	672.18	822.80
i10	505.04	568.40	388.34	634.19	450.98	524.18	499.99	588.34	653.11	460.94	668.64	628.84	906.61	787.64	628.33	688.27	674.14	819.02
i11	463.69	523.16	343.99	590.72	411.48	478.88	460.42	544.41	685.76	495.76	698.06	656.92	923.95	805.12	663.73	713.95	709.38	838.38
i12	642.52	787.42	564.80	866.94	696.70	707.30	745.50	747.65	402.37	210.03	421.35	384.27	688.29	571.12	377.84	448.44	423.54	595.47
i13	343.90	426.57	225.37	507.80	356.22	363.39	402.81	425.02	742.67	562.81	744.99	700.60	933.16	816.25	729.57	749.70	774.11	854.28
i14	600.09	595.66	467.99	638.49	434.50	589.36	481.40	667.08	737.56	542.37	762.68	727.03	1024.65	906.09	703.38	791.54	748.98	934.07
i15	545.84	640.15	442.17	710.98	531.85	582.35	580.84	638.30	571.52	378.92	588.48	549.53	835.94	717.15	546.22	610.52	592.04	746.52
i16	364.51	536.38	295.62	629.71	495.78	436.79	540.95	472.30	621.70	454.93	617.02	571.20	790.23	673.80	616.31	615.49	659.11	712.64
i17	552.89	619.19	438.86	683.06	496.10	575.40	545.06	638.41	619.42	425.28	638.99	601.03	890.81	772.06	591.17	663.17	637.06	801.09
i18	510.21	485.31	372.34	529.29	328.18	485.72	376.06	567.71	802.06	608.29	819.74	780.48	1056.69	937.76	774.28	840.35	820.17	970.04
i19	460.94	548.31	351.27	621.91	449.91	490.49	498.59	549.16	643.73	455.76	654.11	612.37	876.73	757.92	623.86	668.42	669.30	791.36
i20	527.96	611.60	419.45	680.80	500.41	558.38	549.41	617.29	602.84	410.49	619.08	579.72	862.36	743.45	577.87	640.00	623.68	773.70
i21	498.77	579.98	388.27	650.13	472.03	526.80	520.98	586.63	626.72	435.85	640.63	600.25	875.38	756.41	603.70	658.84	649.40	788.08
i22	296.17	428.52	197.37	520.54	391.51	339.87	435.35	388.56	729.72	558.73	726.10	680.36	893.19	777.95	722.34	724.51	765.74	817.98
i23	389.47	416.12	256.66	483.53	310.47	382.72	358.94	456.50	781.96	595.56	789.58	746.66	994.09	876.27	763.60	799.66	808.93	912.67
i24	488.01	481.36	352.49	531.95	336.14	471.20	384.74	550.21	779.98	587.12	795.87	755.92	1028.13	909.26	753.97	814.76	799.83	942.12
i25	467.99	488.43	337.41	547.10	358.86	463.52	407.85	537.53	745.54	554.00	759.47	718.82	987.18	868.37	721.54	776.56	767.33	901.69
i26	464.99	488.43	337.41	547.10	358.86	463.52	407.85	537.53	745.54	554.00	759.47	718.82	987.18	868.37	721.54	776.56	767.33	901.69
i27	647.85	532.21	501.89	537.35	328.48	585.22	364.53	678.26	947.01	751.86	972.20	936.16	1227.74	1108.84	911.82	999.94	957.27	1138.73
i28	825.81	576.52	698.29	506.72	394.82	710.25	384.45	806.60	1314.02	1118.82	1337.61	1300.39	1580.32	1461.48	1279.33	1362.42	1324.77	1494.21
i29	805.51	599.51	668.20	554.07	393.47	708.45	400.70	806.47	1194.62	999.91	1222.03	1186.83	1479.30	1360.37	1156.83	1251.27	1201.84	1390.55
i30	684.21	563.41	541.23	562.61	356.22	622.09	389.34	715.81	968.35	773.54	995.64	960.65	1257.04	1138.26	931.25	1025.51	976.42	1167.20
i31	561.40	483.87	419.16	508.09	298.10	514.59	341.79	603.97	881.92	687.07	902.63	864.56	1146.15	1027.19	850.99	925.96	896.80	1058.79
i32	663.81	417.38	538.74	358.16	232.35	547.48	222.33	644.01	1218.93	1024.88	1236.08	1196.10	1458.29	1340.17	1190.13	1254.21	1236.00	1375.61
i33	768.69	534.28	637.82	475.58	341.01	658.90	337.30	756.25	1244.32	1049.12	1267.31	1229.87	1509.23	1390.38	1210.28	1291.67	1255.81	1423.12
i34	532.76	420.94	389.93	437.22	226.48	469.05	268.61	562.42	942.64	748.69	960.18	920.65	1191.39	1072.66	914.32	979.84	960.20	1106.25
i35	503.69	382.77	361.46	399.87	189.36	434.41	232.67	528.76	958.63	765.75	973.80	933.30	1196.45	1078.04	932.40	990.84	978.28	1112.83
i36	478.01	306.16	342.35	310.07	99.72	385.58	140.00	483.13	1034.43	843.67	1045.91	1003.97	1252.92	1135.48	1011.31	1058.63	1057.09	1172.40
i37	662.66	467.19	525.62	436.12	256.40	567.47	271.04	665.43	1113.39	918.34	1134.68	1096.57	1373.59	1254.77	1081.16	1157.62	1126.86	1287.69
i38	885.46	691.54	745.75	648.61	483.07	794.75	493.14	892.63	1203.76	1010.95	1235.78	1203.15	1501.21	1388.68	1162.01	1269.93	1206.16	1416.31
i39	780.46	544.21	649.89	483.87	352.28	670.03	347.72	767.29	1255.03	1059.82	1278.32	1241.01	1521.06	1402.19	1220.70	1302.97	1266.20	1434.83
i40	742.15	584.78	600.07	565.39	372.04	665.21	395.39	761.67	1059.26	864.77	1087.58	1053.03	1350.18	1231.39	1020.99	1118.21	1065.95	1260.35
i41	654.39	502.92	512.51	492.22	291.38	577.87	319.60	674.08	1024.41	829.20	1048.10	1011.22	1297.00	1178.03	990.29	1073.94	1035.84	1209.22
i42	622.77	443.14	484.10	423.16	230.33	533.21	252.53	630.82	1071.04	876.22	1091.16	1052.58	1327.20	1208.42	1039.97	1113.00	1085.76	1241.67
i43	577.72	531.27	438.37	563.54	355.42	546.08	400.69	631.03	823.26	628.13	845.98	808.95	1097.77	978.85	790.78	871.77	836.51	1008.94
i44	289.53	74.20	204.08	162.42	166.88	157.49	169.62	252.72	1090.41	915.85	1086.62	1040.62	1231.73	1120.86	1081.34	1082.52	1125.25	1163.76
i45	303.00	172.45	178.41	239.89	132.07	206.51	162.87	303.51	1010.04	830.84	1010.05	964.86	1174.30	1060.70	997.68	1010.46	1042.19	1101.89
i46	371.00	287.87	229.08	338.42	159.02	307.70	207.14	399.45	933.49	747.56	939.74	896.22	1131.56	1015.02	915.60	947.33	960.91	1053.36
i47	401.38	93.21	348.90	36.02	231.17	255.27	198.34	325.20	1243.84	1068.49	1240.01	1193.94	1379.15	1269.72	1234.35	1235.28	1278.38	1313.28
i48	278.87	338.40	145.87	423.92	291.26	277.68	334.52	346.44	824.62	648.34	823.62	778.34	993.88	878.86	814.12	824.07	858.22	918.98
i49	206.58	318.61	83.80	417.38	320.35	225.37	357.83	282.33	840.50	672.98	833.73	787.34	979.93	867.62	835.39	827.76	878.28	909.85
i50	263.51	122.05	160.83	211.80	170.84	149.38	187.27	247.38	1039.78	865.38	1036.12	990.15	1183.97	1072.52	1030.78	1032.38	1074.65	1115.11
i51	226.68	112.84	223.74	216.60	310.34	88.19	305.42	139.85	1135.81	974.26	1123.75	1076.59	1230.46	1125.73	1134.50	1110.38	1176.49	1171.20
i52	210.02	109.76	194.42	221.24	292.31	65.35	291.71	137.38	1107.28	944.65	1095.96	1048.88	1207.35	1101.68	1105.35	1083.52	1147.50	1146.84
i53	223.84	89.23	190.28	203.37	265.76	77.87	265.50	160.80	1103.11	937.78	1093.36	1046.46	1212.04	1105.15	1099.68	1082.68	1142.24	1149.88
i54	516.71	283.95	393.26	251.97	85.27	402.19	85.51	499.43	1133.17	942.74	1143.87	1101.59	1344.91	1228.08	1110.44	1155.35	1156.20	1265.89
i55	0.00	311.87	142.98	426.77	431.58	146.12	450.75	116.27	950.71	807.13	930.82	883.31	1010.78	909.53	957.70	909.63	996.89	956.06
i56	311.87	0.00	256.45	114.98	212.84	166.66	198.90	246.99	1158.02	985.85	1152.30	1105.94	1286.42	1177.40	1150.56	1145.82	1194.13	1221.20
i57	142.98	256.45	0.00	364.23	310.45	142.53	338.96	200.82	913.21	750.54	903.08	856.19	1030.28	920.96	910.93	892.93	953.10	964.78
i58	426.77	114.98	364.23	0.00	210.79	281.19	173.27	355.94	1248.55	1070.61	1246.61	1200.90	1393.72</					

	i73	i74	i75	i76
i1	480.43	759.14	791.97	464.94
i2	510.92	842.67	862.89	534.49
i3	472.88	653.33	701.07	407.74
i4	539.82	771.68	813.50	499.87
i5	440.40	694.78	731.36	409.46
i6	614.85	916.46	945.73	616.04
i7	520.28	632.98	689.13	433.74
i8	582.50	832.40	871.81	552.66
i9	469.43	766.39	795.29	465.71
i10	472.27	764.30	794.31	465.24
i11	509.69	789.01	822.10	495.13
i12	225.04	526.00	549.09	219.02
i13	584.50	820.80	862.50	547.80
i14	543.04	869.03	891.25	561.83
i15	390.28	687.16	714.96	385.13
i16	484.03	684.30	729.73	427.67
i17	433.01	740.11	766.26	436.07
i18	615.86	916.42	945.94	616.36
i19	472.15	743.12	777.31	451.74
i20	421.97	716.38	745.19	415.67
i21	449.21	734.59	765.66	437.34
i22	585.11	792.82	838.86	535.18
i23	612.37	872.71	910.60	588.64
i24	596.58	890.45	921.37	592.47
i25	565.63	851.84	884.15	556.25
i26	565.63	851.84	884.15	556.25
i27	751.42	1077.21	1100.64	770.91
i28	1118.93	1439.09	1465.45	1135.26
i29	996.76	1328.66	1350.83	1021.66
i30	771.01	1103.02	1124.49	795.55
i31	691.22	1002.53	1029.85	699.69
i32	1030.84	1329.35	1361.52	1032.66
i33	1049.89	1368.27	1395.00	1064.80
i34	755.43	1055.55	1086.12	756.78
i35	774.52	1065.86	1098.63	770.49
i36	855.20	1132.23	1168.63	843.44
i37	920.98	1233.98	1261.89	931.74
i38	1003.46	1347.74	1365.09	1039.01
i39	1060.31	1379.62	1406.10	1075.90
i40	861.01	1195.79	1216.57	888.03
i41	829.92	1150.89	1176.12	846.01
i42	880.05	1189.15	1217.99	888.00
i43	630.67	948.81	973.89	643.75
i44	938.89	1148.57	1197.44	895.67
i45	851.64	1079.00	1124.57	815.05
i46	764.07	1019.18	1059.34	739.72
i47	1090.76	1300.72	1350.30	1049.06
i48	671.55	893.06	938.07	629.65
i49	700.16	893.41	942.81	646.78
i50	888.67	1098.73	1147.23	845.04
i51	1002.62	1170.69	1225.62	944.20
i52	972.70	1144.52	1198.81	915.28
i53	964.83	1144.81	1198.00	910.29
i54	954.42	1228.42	1265.95	941.72
i55	841.43	964.89	1023.87	766.31
i56	1009.86	1210.40	1260.99	963.66
i57	779.25	955.92	1008.25	720.92
i58	1091.51	1310.51	1358.70	1053.58
i59	921.07	1177.01	1217.99	898.71
i60	920.81	1082.68	1137.89	859.26
i61	969.95	1223.45	1265.13	946.78
i62	952.00	1081.01	1140.13	880.14
i63	201.27	193.36	173.40	195.00
i64	46.52	347.60	355.08	72.89
i65	243.58	131.59	129.33	203.42
i66	224.83	148.12	165.47	165.26
i67	566.53	206.30	250.15	484.60
i68	463.12	141.28	208.59	372.50
i69	160.40	256.75	232.55	191.52
i70	297.38	77.87	115.32	231.01
i71	205.94	240.21	204.69	232.34
i72	470.51	118.86	177.20	389.08
i73	0.00	371.16	370.17	118.97
i74	371.16	0.00	72.34	308.87
i75	370.17	72.34	0.00	330.21
i76	118.97	308.87	330.21	0.00