

C417406 : MAJOR COMPUTER SCIENCES
KEY WORD: EDITING PROGRAM / SOFTWARE TOOLS

WICHAI SIRIUYANONT : DEVELOPMENT OF AN EDITING PROGRAM. THESIS

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ISBN 974-583-805-5

The objective of this research is to develop an editing program which is able to create, improve, change, correct, and arrange both computer programs and data. The program is also able to display on screen and printer. It can be run on microcomputers with the MS-DOS operating system which contains at least 640 kilobytes in the main memory.

The researcher studied and designed the program based on object oriented program concepts, and developed it by using the C++ language. This program provides 145 commands such as those which create new files, open old files, manage files, manage windows, control the cursor, mark blocks, change data inside blocks, manage clip board, display on screen and printer, change status flags, create macro commands, and use DOS shell command. Besides, the program provides editing commands such as those used in editing, updating, searching, replacing, or sorting data of any file.

The researcher tested the commands in the program and found that all of them work efficiently. It is also found that the program can be used conveniently with a help menu and a pop-up menu that a user can easily use at any time.