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Thesis Title : A Development and Evaluation of CAI Self Learning
Package for the Z - 80 Assembly Language

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Academic year : 1991

Abstract

The study aimed to construct and evaluate the efficiency of the self learning program on Z-80 Assembly Language, consisted of 6 units: Z-80 architecture, assembly structure, addressing mode, 8 bit load group, 8 bit arithmetic group and subroutine group. The package contains two parts, information and Test items.

The experiment was done with 14 second to year technician students of the Rajamangala Institute of Technology, North Bangkok campus during the 1st semester of the academic year 1990. Students studied the program by themselves and after that they were assigned to take the test. Scores were collected and analyzed by mean of descriptive statistics.

The result of achievement was measured as 85.32/79.92 which was accepted as hypothesized.