Introduction

Branching and Looping is used to alter the flow of a program. This can be done to continuously run a program or to switch to a different routine based on a certain condition.

Required Reading


Laboratory Exercise

1. IF-THEN-ELSE STRUCTURE
   a. Create a flow chart and write a program for the following criteria.
      i. Add 6 numbers using a loop
      ii. 01,02,03,04,05,06 are the number to be added and should be declared in the program code.
   b. Test the Program

2. WHILE-DO STRUCTURE.
   a. Create a flow chart and write a program for the following criteria.
      i. Add 6 numbers using a loop
      ii. 01,02,03,04,05,06
   b. Test the Program

3. DO-UNTIL STRUCTURE.
   a. Create a flow chart and write a program for the following criteria.
      i. To create a 1 second delay.
   b. Test the Program
Report Requirements

- Flowcharts
- Program code
- Memory Dump before and after the program has been run, for 1 and 2.