

DAC 0521 MET-M Writeup

Branching - It enables a program to make a decision by selecting a path of execution other than its default sequential path. It is used for

1. Conditional Jumping - Transferring execution control to an instruction at a specified location if the program is in a particular state indicated by the current values of its variables.
2. Iterative Looping - Repeating execution of a block of instructions while the program remains in a particular state indicated by the current values of its variables.

Control Structure - It is a block of code with entry and exit points which indicate the conditions for execution of that block. It provides a more readable syntax for coding jumping and looping in high-level languages.