

Control Structure Objectives

SLNO	Questions
1	How many statements fall under the default scope of a control structure? A single statement falls under the default scope of the control structure.
2	Should "goto" statement be used in the program or not? If "goto" statement is used there is no problem in the program, but it is suggested not to use it because its use amounts to violating ANSI rules.
3	Which of the following loops is exit control loop : (a) For, (b) While, (c) Do while? "Do while" loop is known as exit control loop.
4	What is the difference between loop and function recursion? Loop does not allocate memory, but function recursion allocates memory from the stack.
5	What is 'hanging if' statement in C? The statement which is neither part of "if" nor part of "else", but it is 'on fly' is known as 'hanging if' statement. 'hanging if' statement is not allowed in C.
6	Of the "if else" and "switch case" statements, which executes faster? 'Switch' statement is faster than the 'if else' statement, because in 'switch' statement execution starts from the match case. The 'if else' execution starts from the beginning of 'if'.
7	What is the difference between break and continue? Break transfers the control to outside of the loop but continue transfers the control to the beginning of the loop.
8	What are the control structures in C? For, while, do while, switch case, if else, goto, break and continue.
9	What is the difference between for and while loops? If the number of iterations is known in advance, then the for loop is used. If the number of iterations is not known in advance, then while loop is used.
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