**3 Control Flow Statements**

• **Theory:**

1. **If-Else Statements : -** it is used to statements either if statement or else statements for a single condition.

**Syntax** : if(condition){

}

else{

}

**2 . Switch Case Statements :-** Switch is a multiple choice decision making selection statements ,it is used when we want to select only one case out of multiple cases.

**Syntax** : Switch (exp){

Case 1: statement 1;

Break;

Case 2: statement 2;

Break;

Default: statement;

Break;

}

**3.Loops (For, While, Do-While) :-**

* **For loop** :- it is used when we want to perform initialization , condition and incr/decr operation is single line.

**Syntax**:- for(initialization,condition,incr/decr){

}

* **While loop**:- it is used when we don’t know the number of itration in advance .

**Syntax**:- while(condition){

}

* **Do while loop:-** it used when we want to execute loop doby atleast once even condition is false.

**Syntax:**- do{

}

While(condition)

**4.Break and Continue Keywords :-**

* Break statement : -This statement terminates the smallest enclosing loop (i.e., while, [do-while](https://www.geeksforgeeks.org/c-c-do-while-loop-with-examples/), [for loop](https://www.geeksforgeeks.org/range-based-loop-c/), or [switch statement](https://www.geeksforgeeks.org/switch-statement-cc/)). Below is the program to illustrate the same.
* Continue statement :- This statement skips the rest of the loop statement and starts the next iteration of the loop to take place. Below is the program to illustrate the same: