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## Iteration/Looping Statements in Java

## **=> Control Statements :-**

-> Control Statements are those who can control the flow of the program

-> Types of Control Statements :-

### **1. Selection Statements**

if, if else, if-else if, nested if, switch

### **2. Iteration/Looping Statements**

for, while, do-while, for-each loop

### **3. Jump Statements**

break, continue, return

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## => Iteration/Looping Statements :-

-> while :-

Syntax : while(condition)

{

statements;

}

When we should use while loop : When we dont know how many time we have to execute the loop then we have to use while loop

**Cases :**

1. Its compulsory to provide the condition in while loop

2. If while loop is infinite and we provide any expression after while loop then it will provide compile time error saying "Unreachable statement"

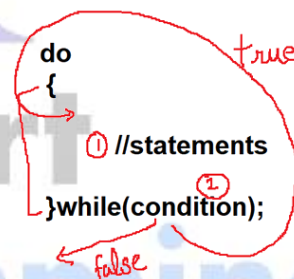
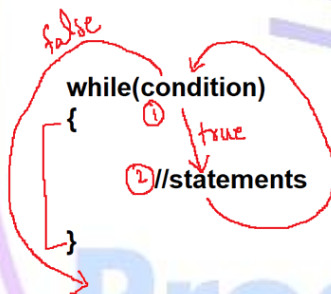
-> do-while :-

Syntax : do

{

//statements

}while(condition);



## Programs :

1. WAP to get the number of digits in integer value (163 - 3; 5673 - 4)
2. WAP to reverse a number (163 -> 361; 5673 -> 3765)
3. WAP to create calculator using do-while loop

## => Interview Question :-

1. What is difference between while and do-while loop
2. How to take user input in java

## **Company Links & Contacts**

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