

# Smart Programming : YouTube Channel

An investment in Knowledge pays the best interest....

**Smart Programming**  
We Educate - We Develop

+91 62838-30308  
Call us to Learn  
Latest Technologies  
City : Mohali (Punjab),  
& Chandigarh  
(India)

 **WEBSITE :** <http://www.smartprogramming.in>

 **BUY COURSES ON :** <https://courses.smartprogramming.in>

 **YOUTUBE CHANNEL :** Smart Programming (<https://www.youtube.com/c/SmartProgramming>)

 **ANDROID APP :** Smart Programming  
(<https://play.google.com/store/apps/details?id=com.smartprogramming>)

 <https://www.facebook.com/smartprogramming.india>  
 [https://www.instagram.com/smart\\_programming](https://www.instagram.com/smart_programming)



## 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

We Educate  
We Develop 

## **=> More concepts for if part**

-> Case 1 : If there is only single statement in if or else then its not compulsory to use curly braces {}

-> Case 2 : If there is no statement in if or else part then we have to use either curly braces - {} or semi-colon - ;

-> Case 3 : The syntax of "if" is "if(expression){}", then expression should return boolean value. In expression we can provide direct condition or we can also provide method calling statement which returns boolean value

**Programming**

---

We Educate  
We Develop



## => Iteration/Looping Statements :-

### => for :

Syntax : for(expression1; expression2;  
expression3)

```
{  
    statements;  
}
```

where:

-> expression1 should be any java valid statement but preferred is declaration and initialization

-> expression2 should always be conditional statement which should return boolean value

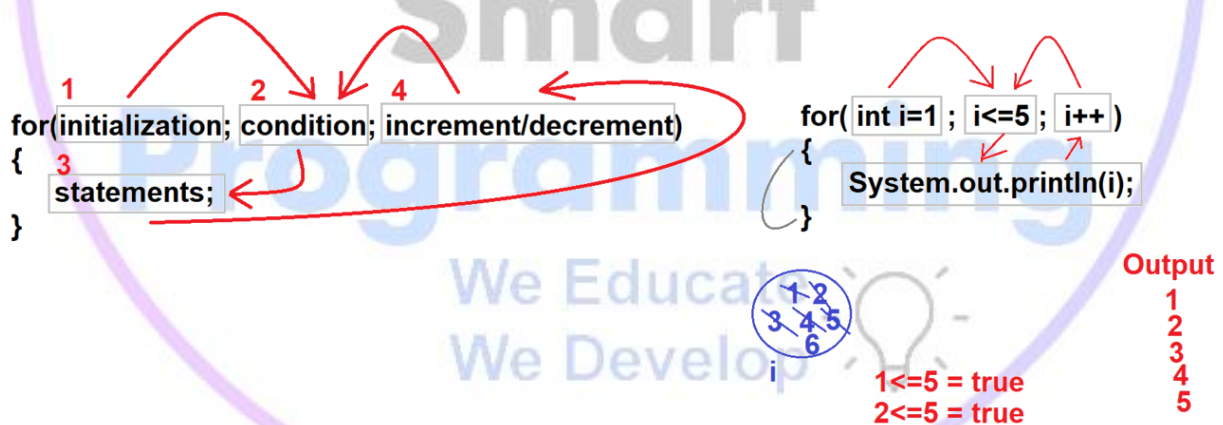
-> expression3 should be any java valid statement but preferred is increment or decrement

simple for of for loop :

for(initialization; condition;  
increment/decrement)

```
{  
    statements;  
}
```

Working :





## Cases :

-> Case 1 : If we dont declare the expression1 then also program will compile fine

-> Case 2 : If we dont declare expression2 then boolean statement will be always true.

-> Case 3 : If we dont declare expression3 then there will not be any increment or decrement

---

## Programs :-

1. WAP to print any table
2. What are unreachable statements ?

## **Company Links & Contacts**

**Company Name:** Smart Programming (+91 62838-30308)

**Address :** Chandigarh & Mohali (Punjab), India

**Websites:** <https://www.smartprogramming.in/>  
<https://courses.smartprogramming.in>

**Android App:**

<https://play.google.com/store/apps/details?id=com.smartprogramming>

**YouTube Channel:**

<https://www.youtube.com/c/SmartProgramming>