## **Looping Control Statements**

These are used to execute a block of statements multiple times. It means it executes the same code multiple times so it saves code. These are also called Iteration statements.

There are three types of looping control statements, they are as follows:

```
For loop
It executes the code until condition is false.
It is used when number of iterations are known.
Syntax:
       for(initialization; condition; increment/decrement)
        //statements
Example:
        public class Main
        public static void main(String[] args)
         for (int i = 0; i < 5; i++)
          System.out.println(i);
       Output: 0 1 2 3 4
While loop
While loop executes till the condition becomes false.
Syntax:
        while(condition)
        //statements
Example:
       public class Main
        public static void main(String[] args)
```

int i = 0; while (i < 5)

i++;

System.out.println(i);

## Do-while loop

When you are using for or while, then it will execute the loop body only if the condition if true.

In do-while loop, it will execute the loop first, then it checks the condition. So, it will execute the loop atleast once.

It is called exit controlled loop while for & while loop are called entry controlled loop.

```
Syntax:
```

Output: 0 1 2 3 4