Loops->Repeat

Pre/Post Increment Operator ++a/a++

Pre/Post Decrement Operator --a/a--

1.**for Loop**

System.out.println("1");

System.out.println("2");

System.out.println("3");

System.out.println("10");

staring point->1

end point->10

int i;

for(i=1;i<=10;i++)-->True

1.for loop does not start if the condition

is false in the beginning itself.

2.for loop is called as Pre-Tested Loop(Entry Control Loop).

3.for loop continues to execute until the condition is False.

Syntax:

```
for(initialization;  condition ;pre/post increment/decrement)
{

        //code statements;
}
```

4.for keyword is used to declare for loop.

5.it can be executed without initialization, and condition.

```
public class Loops
{
    public static void main(String args[])
    {
        int i;
        //Display 1 to 10 numbers
        for(i=1;i<=10;i++)//False
        {


    System.out.println("value of i is:"+i);
            // 1,2,3,4,5,6,7,8,9,10
        }

//-----------------------------------------

System.out.println("\nDisplay 10 to 1:\n");
        int j;
        for(j=10;j>=1;j--)//false
        {
            System.out.println("j is:"+j);
            //10,9,8,7,6,5,4,3,2,1
        }

    }
```

```
}
```

OutPut/-

```
value of i is: 1
value of i is: 2
value of i is: 3
value of i is: 4
value of i is: 5
value of i is: 6
value of i is: 7
value of i is: 8
value of i is: 9
value of i is: 10

Display 10 to 1:

j is:10
j is:9
j is:8
j is:7
j is:6
j is:5
j is:4
j is:3
j is:2
j is:1
```


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