Session-4 while ,do while, for loop, break & continue command

Thursday, July 7, 2022   4:09 PM

Loop Statements

Code:

```
Statement1;
Statement2;
Statement3;
Statement4;
Statement5;
Statement6;
Statement7;
Statement8;
```

Do...while , while & for loop

```
Statement1;
Statement2;
  (condition =true)
  {
      Statement3;      Executed
      Statement4;      multiple
                       times
  }
Statement7;
Statement8;
```

Jump Statements – break & continue

Code:

```
Statement1;
Statement2;
Statement3;
Statement4;
Statement5;
Statement6;
Statement7;
Statement8;
```

```
Statement1;
Statement2;
(condition =true)//loop block start
{
    if(condition1=true){
        Statement3;
        break;
    }
    if(condition2=true){
        Statement4;
        continue;
    }
    Statement 5;
}//loop block end
Statement7;
Statement8;
```

Break :- it is used to stop the execution at the particular point.

Continue:- It is used to stop the program at the only at the particular point, and then it will execute.

```java
package session4;

public class forLoop {

    public static void main(String[] args) {
        // TODO Auto-generated method stub

        for (int i=1 ; i<=10 ; i++)
        {
            if(i==5)
                continue;

            System.out.println(i);
        }//for loop ends

        System.out.println("for loop exited.");
```

```
Javadoc  Declaration  Console ×
<terminated> forLoop [Java Application] C:\Program Files\Java\jdk-17.0.1\bin\javaw.exe  (Oct 31, 2021, 2:51:15 PM – 2:51:15 PM)
2
3
4
6
7
8
9
10
for loop exited.
```