Control Statements in Java

(Part - 5)

Control Statements
Alter the flow of execution of the programs

(1) Decision-making/ Conditional Statements/(Branching and Selection)

      (a) if statement

      (b) if-else statement

      (c) switch statement

(2) Loop statements:

      (a) for statement

      (b) while statement

      (c) do-whil**e statement**

(3) **Breaking control statements :**

      (a) break statement

      (b) continue statement

      (c) goto statement

break statement

➢ Unconditional transfer of execution control

➢ Used to terminate loops or to exit from a switch

➢ Used within for, while, do-while or switch statement

Syntax

break;

Example

```java
class Test1
{
        public static void main(String args[])
        {
                for (int i =1; i <= 10; i++)
                {
                        if ( i == 5 ) break;
                        System.out.println("i ="+i);
                }
                System.out.println("End of Loop");
        }
}
```

continue statement

➢ Skips the remaining statements and Continues iteration

Syntax

continue;

Example

```java
class Test2
{
        public static void main(String args[])
        {
                for (int i =1; i<=10; i++)
                {
                        if ( i <= 5 ) continue;
                        System.out.println("i ="+i);
                }
                System.out.println("End of Loop");
        }
}
```

Thank you