

1. General Purpose Statements:

These statements are very much frequent and very much common.

EX:

Declaring variables, methods, classes, interfaces,.....

Creating Objects

Accessing variables

Declaring blocks

2. Conditional Statements:

These statements are able to allow to execute block of instructions on the basis of a particular condition.

EX: if, switch

3. Iterative Statements:

These Statements are able to allow to execute a block of instructions repeatedly on the basis of a particular condition.

EX: for, while, do-while

4. Transfer Statements:

These statements are able to bypass flow of execution from one instruction to another instruction.

EX: break, continue, return

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4. Transfer Statements:

These statements are able to bypass flow of execution from one instruction to another instruction.

EX: break, continue, return

5. Exception Handling Statements:

EX: throw, try-catch-finally,.....

6. Synchronized Statements:

Synchronized

5. Exception Handling Statements:

EX: throw, try-catch-finally,.....

Syntax-1:

```
if(condition)
{
    ---instructions---
}
```

Syntax-2:

```
if(Condition)
{
    --instructions--
}
else
{
    ---instructions-
}
```

Syntax-3:

```
-----
if(condition)
{
    ---instructions---
}
else if(Condition)
{
    ---instructions---
}
-----
-----
else
{
    ----instructions-----
}
```

```
1 class Test
2 {
3     public static void main(String[] args)
4     {
5         int a = 10;
6         if(a%2 == 0)
7         {
8             System.out.println(a+" is Even number");
9         }
10    }
11 }
12
```

```
1 class Test
2 {
3     public static void main(String[] args)
4     {
5         int a = 10;
6         if(a%2 == 0)
7         {
8             System.out.println(a+" is Even number");
9         }
10        else
11        {
12            System.out.println(a+" is odd number");
13        }
14    }
15 }
```

```
public static void main(String[] args)
{
    int a = 10;
    int b = 20;
    System.out.println("a value : "+a);
    System.out.println("b value : "+b);
    if(a < b)
    {
        System.out.println(b+" is biggest Number");
    }
    else if(a > b)
    {
        System.out.println(a+" is biggest number");
    }
    else
    {
        System.out.println("both are equal");
    }
}
```

```
class Test
{
    public static void main(String[] args)
    {
        int a = 30;
        int b = 50;
        int c = 50;
        System.out.println("a value : "+a);
        System.out.println("b value : "+b);
        System.out.println("c value : "+c);
        if(a < b)
        {
            if(c > b)
            {
                System.out.println(c+" is Biggest Number");
            }
        }
        else if(a < c)
        {
            if(b > c)
            {
                System.out.println(b+" is Biggest Number");
            }
        }
    }
}
```

```
4      }
5      else if(c < a)
6      {
7          if(b > a)
8          {
9              System.out.println(a+" is Biggest Number");
10         }
11     }
12 }
13 }
```