Conditional Statements:

1. if-else statements:-

Syntax:

// syntax:

// if(boolean\_condition)

// {

// Actions

// }

// else

// {

// actions

// }

i. else block is not mandatory with if block. We can have only if block also.

ii. Once if block condition gets true then if block gets execute and once condition get false then else will execute. We cannot have any case in which if and else get execute together.

iii. else should be the immediate block after the if block.

Examples:

**if**(10>5)

{

System.***out***.println("if is executing");

}

**else**

{

System.***out***.println("else is executing");

}

**if**(**true**)

{

System.***out***.println("only if block");

}

2. elseif statements:-

**public** **static** **void** main(String[] args) {

**int** i = 20;

**int** j = 20;

**if**(i>=50)

{

System.***out***.println("i is greater than 50");

}

**else** **if** (i>=10)

{

System.***out***.println("i is greater than 10");

}

**else** **if**(i>=20)

{

System.***out***.println("i is greater than 20");

}

**else**

{

System.***out***.println("i is not matching with any condition");

}

}

Output:

i is greater than 10