

Operators and Loops

1. What are the conditional operators?

Ans. They are used when the condition comprises more than one Boolean expressions.

2. What are the types of Operators based on No. Of Operands?

Ans. Conditional operator, Relational operators, Arithmetic Operators, unary Operators, ternary operator, Boolean Operators.

3. What is the use case of switch statement?

Ans. Let's say we have a variable. Now, we want to do multiple operations on it based upon what value it is storing. In such cases the switch statement comes into play.

4. What are the priority levels of arithmetic Java.?

Ans. Priority level - *,/,+,-..

5. What are the conditional statements and use of it?

Ans. They are used when a condition comprises more than one Boolean expressions. Etc. Logical Operators.

6. What is the Syntax of else - if statement?

Ans. If(){
 //Code
 }else {
 }
 }

7. What are the three types of iterative statements in Java?

Ans. For loop, while loop, do while loop.

8. What is the difference between for loop and while loop?

Ans. Unlike while and for loop, do-while loop tests for the condition at the end of each execution for the next iteration. In other words, the loop is executed at least once before the condition is checked. Other than that everything is the same as in the while loop.
for loop we have 3 parts in the for header.
Initialisation, condition and updation.

9. Write a program to print a no from 1 to 10.

Ans.

```
for(int i=0; i<=10; i++){  
    System.out.println(i);  
}
```