

1.What are the conditional operators in java?

Ans- Conditional operators are used when a condition comprised more than one Boolean expression.

There are three types of conditional operators-

- a. Logical And (&&)
- b. Logical Or (||)
- c. Ternary operator (?:)

2.What are the types of operators based on the number of operands?

Ans- There are 6 types of operators-

- a. Logical
- b. Arithmetic
- c. Relational
- d. Assignment
- e. Unary
- f. Bitwise

3.What is the use of Switch case in Java programming?

Ans- Switch case is used when we have given multiple conditions, where we check for equality of a variable with different value.

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

Ans-Multiplication(*), division (/), Modulo(%), Addition(+), Subtraction(-).

5.What are the conditional Statements and use of conditional statements in java?

Ans- Conditional Statements are statements that allow the program to execute different blocks of code based of specific conditions. Conditional statements are used to make decisions based on the certain conditions.

6.What is the syntax of if else statement?

Ans- if(condition){

 //statement 1;

}

else{

 //statement 2;

}

7.What are the 3 types of iterative statements in java?

Ans- a. While loop

b. For loop

c. Do while loop

8. Write the difference between for loop and do-while loop?

Ans-For loop:- for loop always check the condition before execute the body of the loop.

Do-while loop:- Do while loop always execute the statement 1 time before check the condition after execution check the condition.

9. Write a program to print numbers from 1 to 10.

Ans- class Main {

 public static void main (String [] args){

 int temp=1;

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

 System.out.println(temp);

 temp++;

 }

 }

}