OPERATORS
AND
LOOPS

Q1: what are the conditional operators in java ?

The condition operators is used to condition comprises two or more boolean expression. Ex: there are two condition if 'a' greater than print true and B greater than print B if there are multi condition than we use-

Logical or operator || - this condition is use to if there are one condition is true than condition is satisfied.

Logical and operator &&- if all condition are true than this operator is satisfied .

Ternary operator -this is a smaller version of if else statement if condition true the print after ; and false than print before ; condition.
val % 2 == 1 ? System.out.println("Value entered is odd) : System.out.println("Value entered
is even);

Q2:what are the type of operators based on the number of operands.

The operators in a symbolic statement that is used to perform operation according to user requirements.
Type of operators-
1.Conditional operator

2 logical operator
3 relational operator
4 assignments operator
5 ternary operators
6 unary operators
7 bitwise operators

There are to case is similar to operators
1 if- else statements
2 switch case

Q3:what is switch case in java programming.
Switch case also called multi way branch statement
Switch is a multiple choice decision making selection
statement . it use to when we want to select only one case out
of multiple cases.
Syntax
 switch (exp){
Case 1:
Break;
Case2:
Break;
Default;
}

Q4:what is a priority levels of arithmetic operators in java ?
We perform operation to arithmetic operation there are use
arithmetic operators that is in symbolic form .in other way
arithmetic operator are use to mathematical expression in the
same way that are used in algebra .
:The arithmetic operators are
Addtion +,
Substraction -,
Multiplication *,

Division /,
Modulus %

+ **Addition**
- **subtraction**
/ **division**
*multiplication
% modulus
– - decrement
++ increments

Q5:What are the condition statements and use of conditional statements in java ?
There are three type of condition statement
1. If statements:if we simple condition or single condition than use if statements
2.if- else statements :if there are use two statements than use if else statements ex - there are two condition if(0<10)
Than print condition else print else condition than program execute than he check which condition satisfied
3.nested if else :if there are multiple condition than use or use in condition to condition if there are condition is satisfied than check another condition .
4.switch statements:is similar to if else statement there are use case if case A is satisfied than print A and than case B is satisfied than print case B

Q6: what is syntax of if else statements ?
Syntax : if(condition){
}else{
}

Q7;what are the 3 type if iterative statements.
The

The Interactive statement is

1:while ;oop

2;do while loop

3:for statements

4:if for each statements

Q8:what difference between for loop and do while loop.

In for loop there condition is for(int i =0; int<array.lenghs; i++)

Before performing operation than check condition.

And do while loop first print number than check condition

Do{

/////////////

///////////

/////

}while(condition

Q9)Write a program to print number from 1 to 10.

psvm(String[]args)

for(int i =0; i<=10; i++){

sop(i)

}

Output: 1

2

3

4

5

6

7

8

9

10