Operators and Loops

Assignment Questions

1) **What are the conditional operators in JAVA?**

   Conditional operators are used to some tasks if some conditions gets matched like a<5 || a>1 , here OR operator is used means even if the one condition will be true the output will be true , so we say if the o/p is true then perform these tasks otherwise these. Operators : &&(Logical AND) , || (OR) , ?:(Ternary operator) etc…

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

   Relation , Arithmetic , Logical , Bitwise , Assignment , Relational etc..

3) **What is the use of switch case in java programming?**

   Switch cases are used to define several cases of a datatype like , if the number is Integer there will be several cases like if the value of that number is this then execute these statements otherwise these or if any case does not match execute default one .

4) **What are the priority levels of arithmetic operations in java?**

   Multiplication ,division ,Modulo has higher priority then addition and subtraction operators.

5) **What are the conditional statements and use of them in java?**

   If we want to execute some portion of the program that can be only executed when some conditions matches like If the person's age is not greater than 18 , so he/she are not eligible to fill the driving license form.

6) **Syntax of if-else statements?**

   ```
   if(condition is true){
           // Code will get executed
   }
   else{
           //this code will get executed
   }
   ```

7) 3 Types of iterative statements?

For loop , Do-While Loop , While Loop , forEach loop etc…

8) Difference between for loop and do while loop.

The program only enteres in for loop if the condition gets satisfied means first the
condition will be checked and if the condition will be true then only the program will go
inside but in do while loop , the program will definitely enter the loop for the first time and
then the condition will be checked.

9) Program to print nos from 1 to 10.

```
public class Sample{
public static void main(String [] args){
for(int i=1;i<=10;i++){
      System.out.println(i + " ");
            }
      }
}
```