1. What are the Conditional Operators in Java?

A1. When a condition consists of multiple boolean expressions, they are used. Use conditional operators to combine two expressions.
There are 3 types of Conditional Operators :-
i Logical and Operators (&&).
ii Logical or Operators (||).
iii Ternary Operators (?:).

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

A2. i Unary Operators.
ii Binary Operators.
iii Ternary Operators.

3. What is the use of Switch Case in Java Programming?

A3. The switch case in java is used to select one of many code blocks for execution.

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

A4.

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

A5. Java follows suit by using conditional statements to manage the program's flow. This is crucial because at some time, in order to advance with our code, we must fulfil requirements. For example, the console's yes or no input will determine whether the programme is to be continued or cancelled.
Use of Conditional Statements is to check conditions and and make decisions.

6. What is the syntax of if else statement?

A6. if(condition){
            statement;
                  }

else {
    statement;
    }

7. What are the 3 types of Iterative Statements in Java?

A7. i for loop.   iii do-while loop
    ii while loop

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

A8. For loop :- i Entry Controlled loop.
                   ii Fixed Loop.
                  iii Control variable is numeric.
    Do-While loop :- i Exit Controlled loop.
                      ii Conditional loop.
                     iii Control variable is of any Data type.

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

A9. public class number {

  public static void main(String args[]) {

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

      System.out.println(i);

    }

  }

}