1. **What are the conditional operators in Java?**

**Ans:** There are three types of Conditional operators in java:

1. Conditional And operator – It is return Boolean type. It allows between two and more Boolean expressions. Such as

If(a>b && a!=0) // a=5 and b =6

System.out.print(“Yes”);

Here Both expression is true then print.

1. Conditional Or operator – It is also return Boolean type. It allow between two and more expression. Such as

If(a>b || a!=0 || a!<-200) // a=5 and b =6

System.out.print(“Yes”);

1. Ternary operator - It is also return Boolean type.

Such as

int a = (a>b)? 1: 0;

Here a is greater than b then assign the value 1 in a other than assign the value 0 in a;

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

**Ans:** There are three types of operators in java based on the number of operands. They are:

1. Unary operator
2. Binary operator
3. Ternary operator
4. **What is the use of switch case in java programming?**

**Ans:** Switch statement has multiple choice other than if-else has no multiple choice.

example:

Class {

public static void main(String arg[]) {

int a=2;

switch (2) {

case 1 : System.out.println(“Sunday”); break;

case 2 : System.out.println(“Monday”); break;

case 3 : System.out.println(“Tuesday”); break;

case 4 : System.out.println(“Wednesday”); break;

case 5 : System.out.println(“Thursday”); break;

case 5 : System.out.println(“Friday”); break;

case 6 : System.out.println(“Saturday”); break;

}

} }

1. **What are the priority levels of arithmetic operation in java?**

**Ans:** There are two priority levels of arithmetic in java.

1. High priority level: \*, /, %
2. Low priority level: +. –
3. **What are the conditional statements and use of conditional statements in java?**

**Ans:** When we use of the two condition then we would to use the if-else continual statements. Other than if we use of more the two condition then we use the nested if-else.

And another multiple choice condition we would to use of switch conditional statements in java.

1. **What is the syntax of if-else statements?**

**Ans:**

If(condition) {

Statements1;

Statements2;

else

Statements1;

Statemenst2;

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

**Ans:** These are the 3 types of iterative statements in java :

1. for loop
2. while loop
3. do- while loop
4. **Difference between for loop and do while loop**

**Ans:**

|  |  |
| --- | --- |
| for loop | do-while loop |
| It first checked then execute.. | It first executes than checked. |
| It execute at least zero times. | It execute at least once times. |
| Single statements doesn’t require brackets. | Brackets are compulsory for single statemetns. |
| for(initialization ; condition; iteration){  statements;  } | do{  statements;  }while(conditions); |
| Initialization may be with in loop, outside the loop and condition statements. | Initialization may be outside the loop, with in the loop. |

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

**Ans:**

public class printNumber {

public static void main(String args[]) {

for(int a=1; a<11;a++)

System.out.print(a + “ “);

}

}

OutPut:

1 2 3 4 5 6 7 8 9 10