

1. What are the Conditional operator in Java?

Ans: conditional operator in java are express by combination of two Boolean value i.e true/false.

There are three type of conditional operator in java i.e

- Conditional OR

It is denoted by (| |), it return true if any condition get match.

- Conditional AND

It is denoted by (&&), it return true if all the condition get match.

- Ternary operator

It is composed of three part.

Syntax: data type=(condition)? expression1 : expression2

2. What are the type of operator based on number of operands?

Ans: unary

Binary

ternary

3. What is the use of switch case in java?

Ans: in java switch case is normally use in the case of having need to match more than one case for execution.

For example

int i=4;

```
switch(i){  
    case(1):System.out.println("month is january")  
    case(2):System.out.println("month is fab")  
    case(3):System.out.println("month is march")  
    case(4):System.out.println("month is April")  
    case(5):System.out.println("month is May")  
}
```

Result = April

4. What are the priority level of arithmetic's operation in java?

Ans: high priority: *,/,%

Low priority: +,-

5.what are the conditional statement and use of conditional statement?

Ans : in java programming language there are having different conditional statement that are using to match any given condition.

1.if: if is using to give any condition , if it true then block of code execute.

2.else : if, if condition not match then else part executed.

3. else if : it is using to match another condition if , if condition true

4. switch: it is using to specify more than one cases and according to that print output.

6.what is syntax of if else statement?

Ans: syntax:

```
If(condition){  
    statement}  
  
else  
    {statement}
```

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

Ans:

- for loop
- While loop
- Do while loop

8. Difference between for loop and do while loop

Ans:

for loop and do while loop

1. it 1st check condition while In another hand do while loop 1st execute after that check condition
2. for loop will terminate if the condition not get match at 1st time while in another hand while loop execute once rather it's condition is T/F
3. syntax of for loop

For(data type_variable name;condition;update;)

{

//statement;

}

do while loop

do{//statement;}

while(condition);

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

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