1.What Are The Operator in Java?   OPERATOR

-Various Type of Operator present in java Such as –Unary Operator

-Arithmetic Operator

-Relational Operator

-Bitwise Operator

-Logical Operator

-Assignment Operator

-Ternary Operator

-Misc Operator

2.What is Type Casting And Why To Use Explicit Type Casting in Java?

-Assigning a value of one type to a variable of another type is Known as Type Casting

-It is Two Types in Java –Implicit Casting (Widening Conversion)

-Explicit Casting(Narrowing Conversion)

-A Data Type of Higher Size can not be Stored to a Data Type of Smaller Size this is Called as Explicit Type Casting

-Explicit Casting Use To Store Higher Data Type into Smaller Data Type Also Explicit Casting Will Never done By JVM

What Is Instance_Of Operator?

-The Instance Of Operator is used to Test Whether the Object is an Instance of the Specified Type(Class or Sub-Class or Interface)

-The Instance Of Operator is also known as type comparison operator because it Compares the Instance with Type

What Is The Difference Between The >> and >>> Operator?

-All are Shift Operator

->> -It Indicates The Shift Right Operator

->>> -It Indicates The Unsigned Shift Right Operator

What Is The Use Of Dot Operator ?

-Dot(.) It comes Under Misc operator

-Dot operator can be used to access the member , class or package

-An Example of this is the dot between 'System' and 'out' in The Statement we use to print output to the console window.

- System is the name of Class and out is the Object Reference

What Is Ternary Operator? Give An Example.

-The Ternary Operator is Denote as (?:)

-Earns its name as ternary because it's the only operator to take three operands and
   it is known as Conditional Operator

-This Operator is The replacement of if else Statement

E.g-   Class Test {

```
public static void main(String arg[]) {
 Boolean result=true;
 String  mood=result==true ? "U' r Happy" : "U' r Said";
  System.out.println(mood);
 }
 }
```

Difference Between & and | Operator in Java?

-AND (&) –It Returns true if both Of the Operands Evaluate to true

-OR(|)-It Returns true if at least one of the operands evaluate to true .

-Bitwise OR performs a bitwise inclusive OR operation and if one of the operand evaluates true
  then returns true value

Difference Between && and // Operator?

-Conditional AND Operator(&&) –It is same as & , but if the operand on the left returns false , it returns false without evaluating the operand on the right

-Conditional OR Operator(||) –It is same as |, but if the operand on the left returns true , it returns true without evaluating the operand on the right

How To Use (X-OR) Operator?

-X-OR Operator denoted as (^)

-It is one Type of Bitwise Operator

-X-OR Returns true if one and only one of the Operands evaluates to true , Returns false if both operands evaluate to true or both operands evaluate to false

What Is The Role Of Precedence and Associativity in Operator?

-Precedence Of Operator Means –A Higher Precedence operator always evaluated before a lower precedence operator.

-If the level of the precedence is same , then the order of evaluation depends on their associativity.

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