***Operators***

* Arithmetic Operators
* Relational Operators
* Bitwise Operators
* Logical Operators
* Assignment Operators

***1.Arithmetic Operator:***

public class Test

{

public static void main(String args[]){

int a =10;

int b =20;

int c =25;

int d =25;

System.out.println("a + b = "+(a + b));

System.out.println("a - b = "+(a - b));

System.out.println("a \* b = "+(a \* b));

System.out.println("b / a = "+(b / a));

System.out.println("b % a = "+(b % a));

System.out.println("a++ = "+(a++));

System.out.println("b-- = "+(a--));

System.out.println("d++ = "+(d++));

System.out.println("++d = "+(++d));

}

}

***2.Relational Operator:***

public class Test{

public static void main(String args[]){

int a =10;

int b =20;

System.out.println("a == b = "+(a == b));

System.out.println("a != b = "+(a != b));

System.out.println("a > b = "+(a > b));

System.out.println("a < b = "+(a < b));

System.out.println("b >= a = "+(b >= a));

System.out.println("b <= a = "+(b <= a));

}

}

***3.Bitwise Operator:***

**public** **class** operators {

**public** **static** **void** main(String[] args)

    {

**int** a = 5;

**int** b = 7;

System.out.println("a&b = " + (a & b));

System.out.println("a|b = " + (a | b));

System.out.println("a^b = " + (a ^ b));

  System.out.println("~a = " + ~a);

System.out.println("a= " + a);

    }

}

***4.Logical operator:***

public class Test

{

public static void main(String args[])

{

boolean a =true;

boolean b =false;

System.out.println("a && b = "+(a&&b));

System.out.println("a || b = "+(a||b));

System.out.println("!(a && b) = "+!(a && b));

}

}

***5.Assignment operator:***

public class Test

{

public static void main(String args[])

{

int a =10; int b =20; int c =0;

c = a + b;

System.out.println("c = a + b = "+ c );

System.out.println("c += a = "+ c );

System.out.println("c -= a = "+ c ); System.out.println("c \*= a ="+ c ); System.out.println("c /= a = "+ c );

System.out.println("c %= a = "+ c );

System.out.println("c <<= 2 = "+ c ); System.out.println("c >>=2 = "+ c ); System.out.println("c >>= a = "+ c );

System.out.println("c &= 2 = "+ c ); System.out.println("c ^= a= "+ c );

System.out.println("c |= a = "+ c );

}

}

***Strings***

***1.Concatenating String:***

public class StringDemo

{

public static void main(String args[])

{

String string1 = "saw I was ";

System.out.println("Dot " + string1 + "Tod");

}

}

***2.*** ***Creating format strings***

* printf() and format() methods to print output with

formatted numbers

* format() method allows you to create a formatted string

that you can reuse