

PROGRAM:

To show use of Arithmetic operators.

```
/**
 * @Prof. Jayesh
 * Here use of arithmetic operators are shown.
 * Arithmetic operators are +, -, /, % etc.
 */
```

```
public class ArithmeticOperators {
    public static void main(String args[])
    {
        int a=10,b=20;
        System.out.println("a="+a);
        System.out.println("b="+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("a/b="+(a/b));
        System.out.println("a%b="+(a%b));
        System.out.println("b%a="+(b%a));
    }
}
```

OUTPUT:

```
a=10
b=20
a+b=30
a-b=-10
a*b=200
a/b=0
```

$a \% b = 10$

$b \% a = 0$

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28. Define a class to declare an array of size 20 of the double datatype, accept the elements into the array and perform the following: Calculate and print the sum of all the elements.
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30. Write a Java program for Bubble sort.
31. Write a Java program String to uppercase and count words starting with 'A'