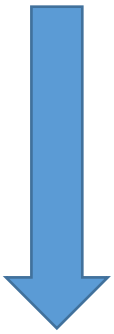
Arithmetic Operators

Operator	Result
+	Addition (also unary plus)
–	Subtraction (also unary minus)
*	Multiplication
/	Division
%	Modulus
++	Increment
+=	Addition assignment
–=	Subtraction assignment
*=	Multiplication assignment
/=	Division assignment
%=	Modulus assignment
––	Decrement

Program Below



```
public class ArtithmeticOperators
{
     public static void main(String args[])
     {
          int num1=15;
          System.out.println("num1
is:"+num1);//concatenation
          int num2=17;
          System.out.println("num2 is:"+num2);
          System.out.println("\n-----Addition-----\n");

          int add;
          add=num1+num2;//Addition Operation
          System.out.println("Addition is:"+add);

          System.out.println("\n-----Unary-----\n");
          int value1=+19;
          System.out.println("Unary value1 is:"+value1);

          int value2=19;
          System.out.println("Unary value2 is:"+value2);

          System.out.println("\n------Subtraction-----\n");

          int sub;
          sub=num2-num1;//17-15=2
          System.out.println("Subtraction is:"+sub);

          sub=num1-num2;//15-17=-2
          System.out.println("Subtraction is:"+sub);

          System.out.println("\n-----Sub Unary---\n");

          int value3=-43;

          System.out.println("Unary minus value3
is:"+value3);

          int value4=43;
          System.out.println("Default Positive Value4
is:"+value4);
```

```
        System.out.println("\n-------Multiplication-----
\n");

        int product=num1*num2;//15*17

        System.out.println("Multiplication is:"+product);


        System.out.println("\n---Division---\n");
        int p=10;
        int t=11;
        int q=2;

        int div=p/q;//10/2=5


        System.out.println("Quotient is:"+div);

        System.out.println("\n----Modulus---\n");

        int remainder=p%q; // 10%2

        System.out.println("Remainder is:"+remainder);

        remainder=t%q;// 11%2

        System.out.println("Remainder is:"+remainder);

        System.out.println("\n-----------------------
\n");

        int k1=23;
        int k2=-37;
        int result;

        result=k1-k2;// 23-(-37)

        System.out.println("Result is:"+result);

    }

    }
```

OutPut:

```
num1 is:15
num2 is:17

-----Addition-----

Addition is:32

-----Unary-----

Unary value1 is:19
Unary value2 is:19

------Subtraction-----

Subtraction is:2
Subtraction is:-2

-----Sub Unary---

Unary minus value3 is:-43
Default Positive Value4 is:43

-------Multiplication-----
```

```
Multiplication is:255

---Division---

Quotient is:5

----Modulus---

Remainder is:0
Remainder is:1

------------------------

Result is:60
```