ASSIGNMENT 1

PROGRAM:

```java
public class Test {

   public static void main(String args[]) {
      int a = 55;
      int b = 80;
      int c = 75;
      int d = 95;

      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("c % a = " + (c % a) );
      System.out.println("a++   = " +  (a++) );
      System.out.println("a-- = " + (a--) );
// Check the difference in d++ and ++d
      System.out.println("d++   = " +  (d++)
);System.out.println("++d   = " +  (++d) );
```

```
  }
}
```

OUTPUT:

a + b = 135
a - b = -25
a * b = 4400
b / a = 1b % a = 25
c % a = 20
a++   = 55
a-- = 56
d++   = 95
++d   = 97

```
/* Online Java Compiler and Editor */
public class Test {

    public static void main(String args[]) {
        int a = 55;
        int b = 80;
        int c = 75;
        int d = 95;

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

        // Check the difference in d++ and ++d
        System.out.println("d++   = " +  (d++) );System.out.println("++d
            = " +  (++d) );
    }
}
```

Terminal output:

```
a + b = 135
a - b = -25
a * b = 4400
b / a = 1b % a = 25
c % a = 20
a++   = 55
a-- = 56
d++   = 95
++d   = 97
```

PROGRAM SCREENSHOT