

6. State the output.

```
class Exercise3_2 {
    public static void main(String str[] ) {
        int x = 10, y = 5, z = 3;
        System.out.println("x = " + x + " y = " + y + " z = " + z);
        System.out.println("x % y = " + (x % y) );
        System.out.println("y % x = " + (y % x) );
        System.out.println("y / z = " + (y / z) );
        System.out.println("z / y = " + (z / y) );
        System.out.println("(y - z) * x + y % z = " + ((y - z)*x + y % z) );
    } // main
} // end class
```

7. State the output.

```
class Exercise3_3 {
    public static void main(String str[] ) {
        int x = 2000;
        System.out.println("x = " + x);
        x = x - 1;
        System.out.println(x + 1);
        System.out.println(x - 1);
        System.out.println(-x);
        System.out.println(1 - x);
        System.out.println(1 / x);
    } // main
} // end class
```

8. Complete the following program which is supposed to find the average of three integers entered by the user. Compile and run it to make sure that it works.

```
class Exercise3_8 {
    public static void main(String str[]) {
        int a = Integer.parseInt(str[0]);
        int b = Integer.parseInt(str[1]);
        int c = Integer.parseInt(str[2]);
        int average;
        // Echo input
        System.out.println("The 3 nos entered -> " + a + ", " + b + ", " + c);
        .....
    } // end main
} // end class
```

9. What changes do you have to make in order to input 3 decimal numbers in #8?