



Assignment 2

Using static variables, static methods, static blocks, create a java program and display the results. Using “this” word get data and display the results.

```
package Section2;

public class Assignment2 {
    // Static variables
    static int a = 10;
    static int b;

    // Static block for initialization
    static {
        b = 3;
    }

    // Static method
    static void displaySum() {
        System.out.println("Sum = " + (a+b));
    }

    public void display() {
        System.out.println(this.a + " + " + this.b + " = " + (a+b));
    }

    public static void main(String[] args) {

        displaySum();

        Assignment2 obj1 = new Assignment2();

        obj1.a = 3;
        obj1.b = 4;
        obj1.display();
    }
}
```