

### 3. Writing a program in Java to verify implementations of methods and ways of calling a method

Source Code:

```
package FirstPackage;

public class SimpleCallingamethodproject {
    public static void main(String[] args) {
        // calling a method from within the same class
        int sum = add(665650, 10003);
        System.out.println("The sum is: " + sum);

        // calling a method from a different class
        int modulus = solve.modulus1(2098, 3);
        System.out.println("The modulus is: " + modulus);
    }

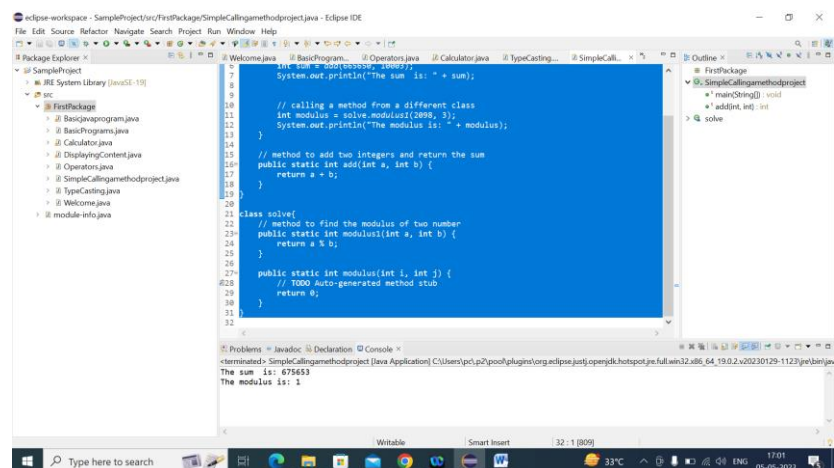
    // method to add two integers and return the sum
    public static int add(int a, int b) {
        return a + b;
    }
}

class solve{
    // method to find the modulus of two number
    public static int modulus1(int a, int b) {
        return a % b;
    }

    public static int modulus(int i, int j) {

        return 0;
    }
}
```

Output:



```
SimpleCallingamethodproject.java
1  package FirstPackage;
2
3  public class SimpleCallingamethodproject {
4      public static void main(String[] args) {
5          // calling a method from within the same class
6          int sum = add(665650, 10003);
7          System.out.println("The sum is: " + sum);
8
9          // calling a method from a different class
10         int modulus = solve.modulus1(2098, 3);
11         System.out.println("The modulus is: " + modulus);
12     }
13
14     // method to add two integers and return the sum
15     public static int add(int a, int b) {
16         return a + b;
17     }
18 }
19
20 class solve{
21     // method to find the modulus of two number
22     public static int modulus1(int a, int b) {
23         return a % b;
24     }
25
26     public static int modulus(int i, int j) {
27         // TODO Auto-generated method stub
28         return 0;
29     }
30 }
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```

```
The sum is: 675653
The modulus is: 1
```