Implement a Progrom on method of constructor overloading

1) Method Overloading

```
class OverloadTest

{

        public static void main(String args[])

        {

        OverloadTest o=new OverloadTest();

        o.add(1,4);

        o.add(1.00,2.06);

        o.add(10,12,14);

        }


        void add(int a, int b)

        {

        System.out.println("Sum of a and b is "+(a+b));

        }


        void add(int c, double d)

        {

        System.out.println("Sum of 1.00 and 2.06 is "+(c+d));
```

```
        }


        void add(int e, int f, int g)

        {

        System.out.println("Sum of e,f,g is "+(e+f+g));

        }

}
```
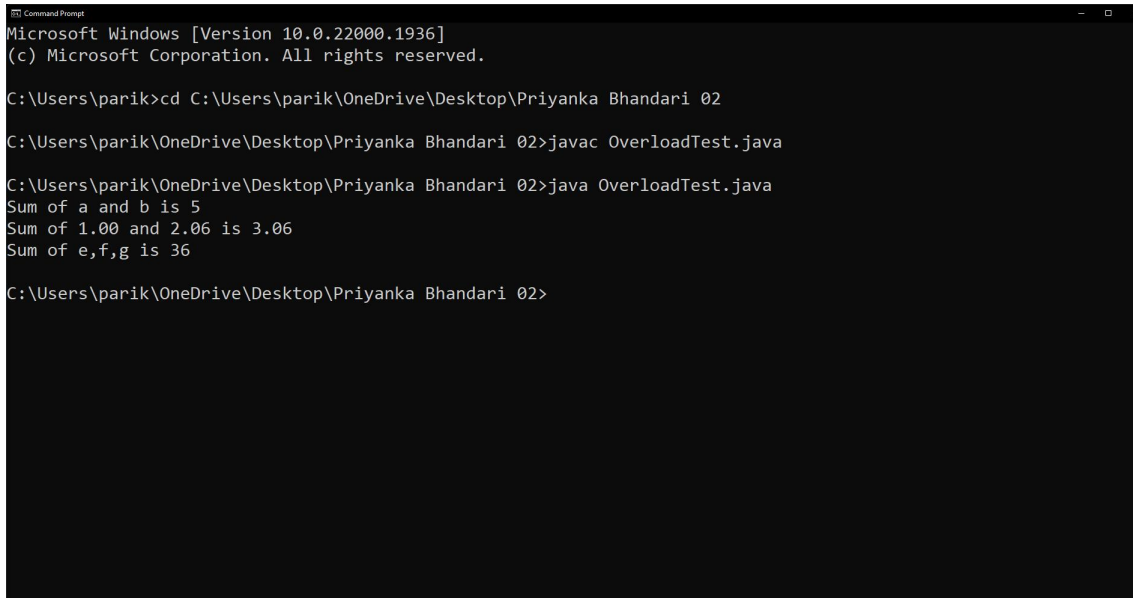
```
Command Prompt                                                                                          –  □  ×
Microsoft Windows [Version 10.0.22000.1936]
(c) Microsoft Corporation. All rights reserved.

C:\Users\parik>cd C:\Users\parik\OneDrive\Desktop\Priyanka Bhandari 02

C:\Users\parik\OneDrive\Desktop\Priyanka Bhandari 02>javac OverloadTest.java

C:\Users\parik\OneDrive\Desktop\Priyanka Bhandari 02>java OverloadTest.java
Sum of a and b is 5
Sum of 1.00 and 2.06 is 3.06
Sum of e,f,g is 36

C:\Users\parik\OneDrive\Desktop\Priyanka Bhandari 02>
```

2)   Constructor Overloading

```java
public class ConstructorOverloadingExample {


        private int value;
```

```java
// Default constructor

public ConstructorOverloadingExample() {

    this.value = 0;

}


// Constructor with one parameter

public ConstructorOverloadingExample(int value) {

    this.value = value;

}


// Constructor with two parameters

public ConstructorOverloadingExample(int value1, int value2) {

    this.value = value1 + value2;

}


// Getter method

public int getValue() {

    return value;

}


public static void main(String[] args) {
```
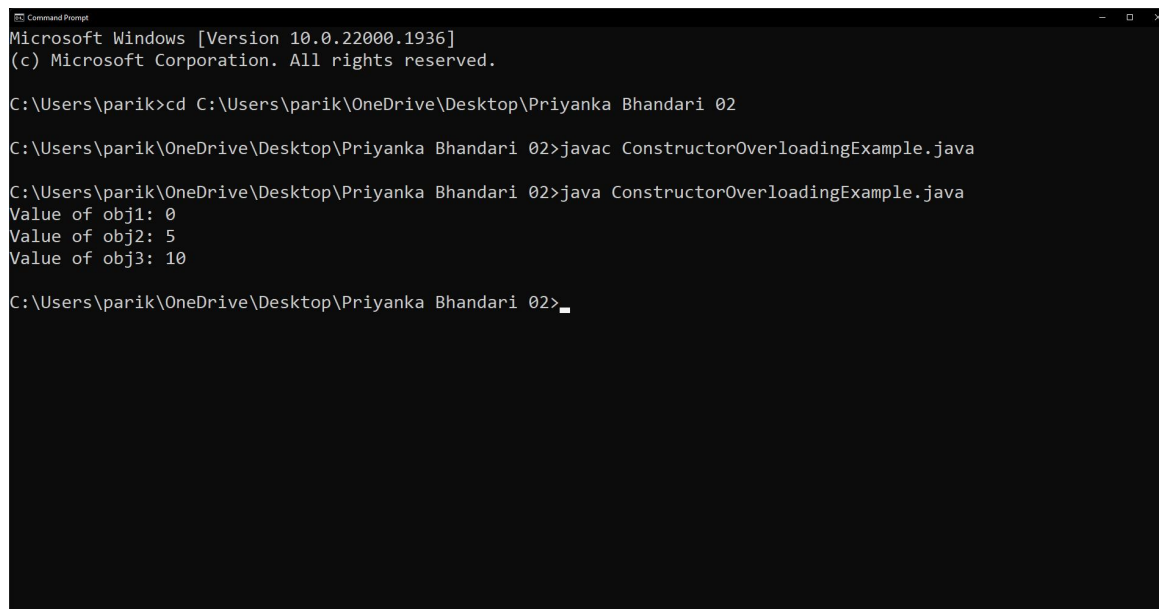
```java
        ConstructorOverloadingExample obj1 = new
ConstructorOverloadingExample();

        ConstructorOverloadingExample obj2 = new
ConstructorOverloadingExample(5);

        ConstructorOverloadingExample obj3 = new
ConstructorOverloadingExample(3, 7);


        System.out.println("Value of obj1: " + obj1.getValue());

        System.out.println("Value of obj2: " + obj2.getValue());

        System.out.println("Value of obj3: " + obj3.getValue());

    }

}
```