PROGRAM LINK:

http://tpcg.io/_EJRHJ4

PROGRAM

```
// Java program to Demonstrate Polymorphism

// This class will contain
// 3 methods with same name,
// yet the program will
// compile & run successfully
public class Sum {
// Overloaded sum().
    // This sum takes two int parameters
    public int sum(int x, int y)
    {
        return (x + y);
    }

// Overloaded sum().
    // This sum takes three int parameters
    public int sum(int x, int y, int z)
    {
 return (x + y + z);
    }

    // Overloaded sum().
    // This sum takes two double parameters
    public double sum(double x, double y)
    {
  return (x + y);
    }

    // Driver code
    public static void main(String args[])
    {
        Sum s = new Sum();
        System.out.println(s.sum(10, 20));
        System.out.println(s.sum(10, 20, 30));
        System.out.println(s.sum(10.5, 20.5));

}
```

```
}
```

OUTPUT:

30

6031.0

SCREENSHOT: