```java
--------------------------OverLoadedMethods.java----------------
package com.ameya.methods;

public class OverLoadedMethods {
//Methods with same name but different arguments
// arguments may differ in type, number, order
    public void sum(int n1,int n2) {
        System.out.println("SUM Of "+n1+" "+n2+ " :: "+(n1+n2) );
    }
    public void sum(int n1,int n2,int n3) {
        System.out.println("SUM Of "+n1+" "+n2+" "+n3+ " ::
        "+(n1+n2+n3) );
    }
    public void sum(int n1,double n2) {
        System.out.println("SUM Of "+n1+" "+n2+ " :: "+(n1+n2) );
    }
    public void sum(double n1,int n2) {
        System.out.println("SUM Of "+n1+" "+n2+ " :: "+(n1+n2) );
    }
    public void sum(double n1,double n2) {
        System.out.println("SUM Of "+n1+" "+n2+ " :: "+(n1+n2) );
    }
}
--------------------------TestOverloading.java----------------
package com.ameya.test;

import com.ameya.methods.OverLoadedMethods;

public class TestOverloading {

    public static void main(String[] args) {
        OverLoadedMethods obj=new OverLoadedMethods();
        obj.sum(3,4);
        obj.sum(5.2,4.2);

    }

}
```