

```
1 -----OverLoadedMethods.java-----
2 package com.ameya.methods;
3
4 public class OverLoadedMethods {
5     //Methods with same name but different arguments
6     // arguments may differ in type, number, order
7     public void sum(int n1,int n2) {
8         System.out.println("SUM Of "+n1+" "+n2+" " :: "+(n1+n2) );
9     }
10    public void sum(int n1,int n2,int n3) {
11        System.out.println("SUM Of "+n1+" "+n2+" "+n3+" " ::
12            "+(n1+n2+n3) );
13    }
14    public void sum(int n1,double n2) {
15        System.out.println("SUM Of "+n1+" "+n2+" " :: "+(n1+n2) );
16    }
17    public void sum(double n1,int n2) {
18        System.out.println("SUM Of "+n1+" "+n2+" " :: "+(n1+n2) );
19    }
20    public void sum(double n1,double n2) {
21        System.out.println("SUM Of "+n1+" "+n2+" " :: "+(n1+n2) );
22    }
23 -----TestOverloading.java-----
24 package com.ameya.test;
25
26 import com.ameya.methods.OverLoadedMethods;
27
28 public class TestOverloading {
29
30     public static void main(String[] args) {
31         OverLoadedMethods obj=new OverLoadedMethods();
32         obj.sum(3,4);
33         obj.sum(5.2,4.2);
34     }
35 }
36
37 }
38
```