

```
1 //q-3-q-2
2 class UseComplexNum
3 {
4     public static void main(String arg[])
5     {
6         ComplexNum c1 = new ComplexNum(20f,43.13f);
7         ComplexNum c2 = new ComplexNum(12f,43f);
8         ComplexNum c3 = new ComplexNum(6.473f,43);
9         ComplexNum c4 = new ComplexNum(12.5f,43.5f);
10        c1.showComplexNum();
11        c2.showComplexNum();
12        c3.showComplexNum();
13        c4.showComplexNum();
14        c1.addition(c1.real,c1.img,c2.real,c2.img);
15        c1.addition(c2,c3);
16        c2.addition(c4);
17
18    }
19 }
20
21
22 // PS C:\Users\Dell\Desktop\JAVA\Assignments\Assignment-2> java UseComplexNum
23 // Complex number is: (20.0 + 43.13j)
24 // Complex number is: (12.0 + 43.0j)
25 // Complex number is: (6.473 + 43.0j)
26 // Complex number is: (12.5 + 43.5j)
27 // Sum is: (32.0 + 86.130005j)
28 // Sum is: (18.473 + 86.0j)
29 // Sum is: (24.5 + 86.5j)
```