Complex Number Addition - Inputting from keyboard


```java
package ComplexAdd;

import java.util.Scanner;


public class ComplexAdd {

        double real,img;
        ComplexAdd(double r,double i){
                real=r;
                img=i;
        }
        public static ComplexAdd sum(ComplexAdd c1,ComplexAdd c2) {
                ComplexAdd temp=new ComplexAdd(0,0);
                temp.real=c1.real+c2.real;
                temp.img=c1.img+c2.img;
                return temp;
        }
        public static void main(String args[]) {
                Scanner s = new Scanner(System.in);
                System.out.println("enter the real part of first complex
number");
                int r = s.nextInt();
                System.out.println("enter the real part of second complex
number");
                int p = s.nextInt();
                System.out.println("enter the img part of first complex
number");
                int i = s.nextInt();
                System.out.println("enter the img part of second complex
number");
                int q = s.nextInt();

                ComplexAdd c1=new ComplexAdd(r,i);
                ComplexAdd c2=new ComplexAdd(p,q);
                ComplexAdd temp=sum(c1,c2);
                System.out.printf("sum is:"+temp.real+ "+"+temp.img+"i");
        }


}
```


output.

enter the real part of first complex number
5
enter the real part of second complex number
4
enter the img part of first complex number
8
enter the img part of second complex number
9
sum is:9.0+17.0i