PROGRAM

```java
public class ComplexNumber
  {
  double real, img;
  ComplexNumber(double r, double i){
   this.real = r;
   this.img = i;
  }

  public static ComplexNumber
sum(ComplexNumber c1,
ComplexNumber c2)
   {
     ComplexNumber temp = new
ComplexNumber(0, 0);

     temp.real = c1.real + c2.real;
     temp.img = c1.img + c2.img;
     return temp;
  }
```

```java
public static void main(String args[])
{
ComplexNumber c1 = new
ComplexNumber(5.2, 4);
ComplexNumber c2 = new
ComplexNumber(1.3, 3.2);
    ComplexNumber temp = sum(c1, c2);
    System.out.printf("Sum is: "+
temp.real+" + "+ temp.img +"i");
}
}
```

OUTPUT

Sum is: 6.5 + 7.2i