```
import java.util.Scanner;
class Complex
{
float r ;
float i ;
Complex ( float real , float imaginary )
{
r=real;
i=imaginary;
}
void Add ()
{
float r1 , i1 ;
Scanner sc = new Scanner ( System . in );
System . out . println ( "Enter real part of Second Complex No:" );
r1 = sc . nextFloat ();
System . out . println ( "Enter imaginary part of Second Complex No:"
);
i1 = sc . nextFloat ();
System . out . println ( "Result of Addition of " +r+ "+" +i+ "i" + "
+" +r1+ "+" +i1+ "i" + " = " +(r+r1)+ "+" +(i+i1)+ "i" );
}
void Subtract ()
{
float r1 , i1 ;
Scanner sc = new Scanner ( System . in );
System . out . println ( "Enter real part of Second Complex No:" );
r1 = sc . nextFloat ();
System . out . println ( "Enter imaginary part of Second Complex No:"
);
i1 = sc . nextFloat ();
System . out . println ( "Result of Subtraction of " +r+ "+" +i+ "i" +
" -" +r1+ "+" +i1+ "i" + " = " +(r-r1)+ "+" +(i-i1)+ "i" );
}
void Multiply ()
{
float r1 , i1 ;
Scanner sc = new Scanner ( System . in );
System . out . println ( "Enter real part of Second Complex No:" );
r1 = sc . nextFloat ();
System . out . println ( "Enter imaginary part of Second ComplexNo:"
);
i1 = sc . nextFloat ();
System . out . println ( "Result of Multiplication:" +(r*r1-i*i1)+ "+"
+(r*i1+r1*i)+ "i" );
}
public static void main ( String [] args )
{
Complex c = new Complex ( 1 , 2 );
c . Add ();
c . Subtract ();
c . Multiply ();
}
}
```