

/*Java Application to demonstrate "Object Reference Variable Assignment" */

```
import java.util.Scanner;

class Complex{

private int real,imag;

void input(int r, int i){

real=r;

imag=i;

}

void output(){

String ch="";

if(imag>0)

ch="+";

System.out.println("Complex no.="+real+ch+imag+"i");

}

}

//Close of class Complex

class OComplex{

public static void main(String args[]){

Scanner s=new Scanner(System.in);

Complex C=new Complex();

System.out.println();

System.out.print("Enter value for complex no. ::");

int real=s.nextInt();

int imag=s.nextInt();

//System.out.println(real);
```

```
//System.out.println(imag);
```

```
C.input(real,imag);
```

```
Complex X=C;           //Object Reference Variable Assignment
```

```
X.output();
```

```
}//Close of main
```

```
}//Close of class OComplex
```

//OUTPUT

Enter value for complex no. ::5

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Complex no.=5-2i