Practical 10 :

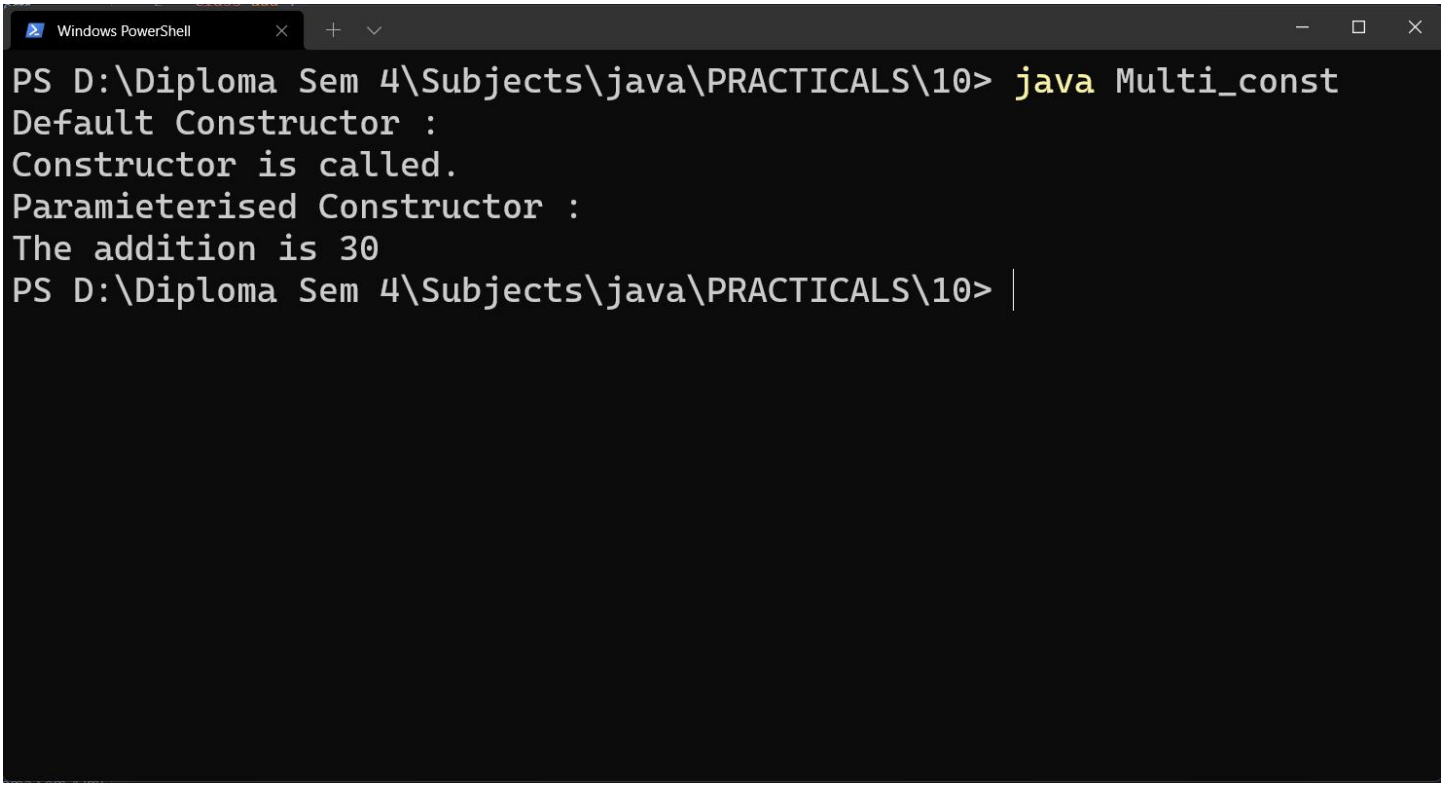
Code :

```
class add {
   int no1;
   int no2;

   add() {
      System.out.println("Constructor is called.");
   }
   add(int a, int b) {
      this.no1 = a;
      this.no2 = b;
   }
}
class Multi_const {

   public static void main(String[] args) {
      System.out.println("Default Constructor :");
      new add();
      System.out.println("Paramieterised Constructor : ");
      add ad = new add(20, 10);
      int c = ad.no1 + ad.no2;
      System.out.println("The addition is " + c);  }
}
```

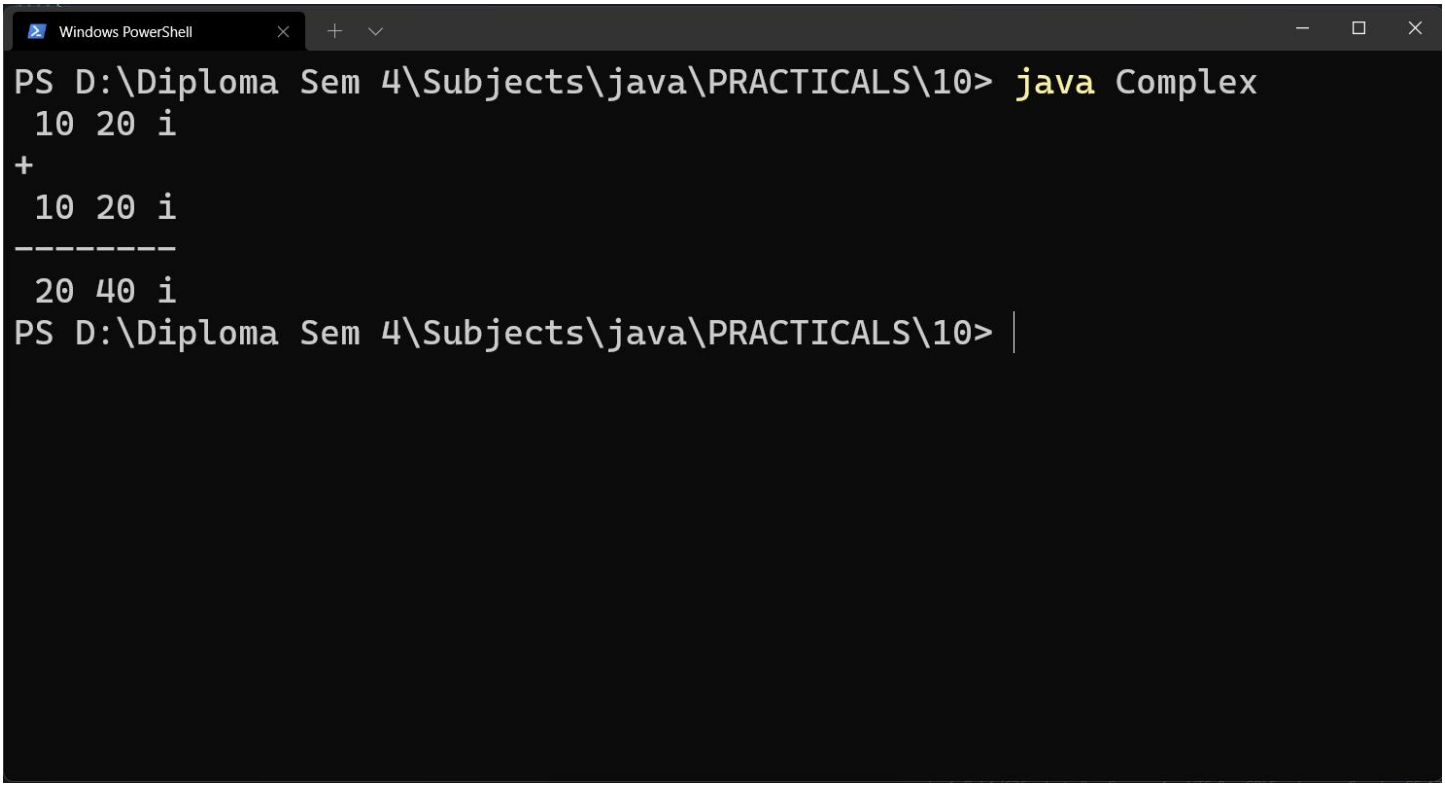
Output :



Code :

```
public class Complex {
   int real;
   int img;
   Complex(int r,int i){
      this.real=r;
      this.img=i;
   }
   static void sum(Complex n1,Complex n2){
      Complex res = new Complex(0, 0);
      res.real = n1.real+n2.real;
      res.img = n1.img+n2.img;
      System.out.println(" "+n1.real+" "+n1.img+" i\n+");
      System.out.println(" "+n1.real+" "+n1.img+" i");
      System.out.println("--------");
      System.out.println(" "+res.real+" "+res.img+" i");
   }
   public static void main(String[] args) {
      Complex c1 = new Complex(10, 20);
      Complex c2 = new Complex(10, 20);
      sum(c1,c2);
   }
}
```

Output :



Code :

```
public class Point {
   int m_x,m_y;
   public Point(){}
   public Point(int x , int y){
      m_x=x;
      m_y=y;
   }
   public static void main(String[] args) {
      Point p1 =  new Point();
      Point p =  new Point(2,3);
      System.out.println("x"+p.m_x);
      System.out.println("y"+p.m_y);
      System.out.println("y"+p1.m_y);
      System.out.println("y"+p1.m_y);
   }
}
```

Output :