1.Define a class 'product' with data members pcode,pnme,price.Create 3 objects of the class and find the product having the lowest price.

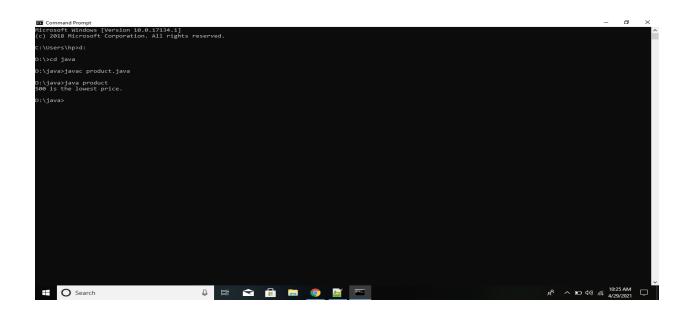
Code:

```
public class product {
int pcode;
String pname;
int price;
public static void main(String[] args) {
  int smallest;
 product p1 = new product();
 product p2 = new product();
 product p3 = new product();
 p1.pcode=10;
 p1.pname="Cpu";
 p1.price=15000;
 p2.pcode=11;
 p2.pname="Mouse";
 p2.price=500;
 p3.pcode=12;
 p3.pname="Keyboard";
 p3.price=1700;
 if(p1.price<p2.price) {</pre>
  if(p3.price<p1.price) {</pre>
    smallest = p3.price;
  } else {
    smallest = p1.price;
  }
} else {
  if(p2.price<p3.price) {</pre>
```

```
smallest = p2.price;
} else {
    smallest = p3.price;
}

System.out.println(smallest + " is the lowest price.");
}
```

Output:



2.Add complex numbers

Code:

```
public class Complex{
  double c, m;
  Complex(double r, double i){
  c = r;
  m = i;
  }
  public static Complex sum(Complex c1, Complex c2)
  {
    Complex temp = new Complex(0, 0);
    temp.c = c1.c + c2.c;
    temp.m = c1.m + c2.m;
    return temp;
  }
  public static void main(String args[]) {
  Complex c1 = new Complex(12,7.2);
  Complex c2 = new Complex(3, 1.5);
    Complex temp = sum(c1, c2);
    System.out.printf("Sum is: "+ temp.c+" + "+ temp.m +"i");
  }
}
```

Output:

