

Experiment No. 7

Aim

Construct a class named product with data members PNumber, PName, PPrice and PQuantity, TotalPrice. Write three functions:

product(): to initialize the value of the data members PNumber, PName, PPrice and PQuantity (using constructor concept).

calculate Total(): to calculate the TotalPrice (Total = price* quantity).

display(): to print the values of the data members on the screen.

Source code

```
package java_file;
```

```
public class _7_Product {
```

```
    int PNumber;
```

```
    String PName;
```

```
    float PPrice;
```

```
    int PQuantity;
```

```
    float TotalPrice;
```

```
    public static void main(String[] args) {
```

```
        _7_Product obj=new _7_Product(777,"Laptop",80799.99f,2);
```

```
        obj.calculateTotal();
```

```
        obj.display();
```

```
    }
```

```
    _7_Product(int a, String b, float c, int d){
```

```
        PNumber=a;
```

```
        PName=b;
```

```

        PPrice=c;

        PQuantity=d;
    }

    void calculateTotal(){

        TotalPrice=PPrice*PQuantity;

        System.out.println("Total Amount Payable is :: "+TotalPrice);

    }

    void display() {

        System.out.println("\n\nYour Product Details....");

        System.out.println("Product No. \t:: "+PNumber);

        System.out.println("Product Name \t:: "+PName);

        System.out.println("Product Price \t:: "+PPrice);

        System.out.println("Quantity \t:: "+PQuantity);

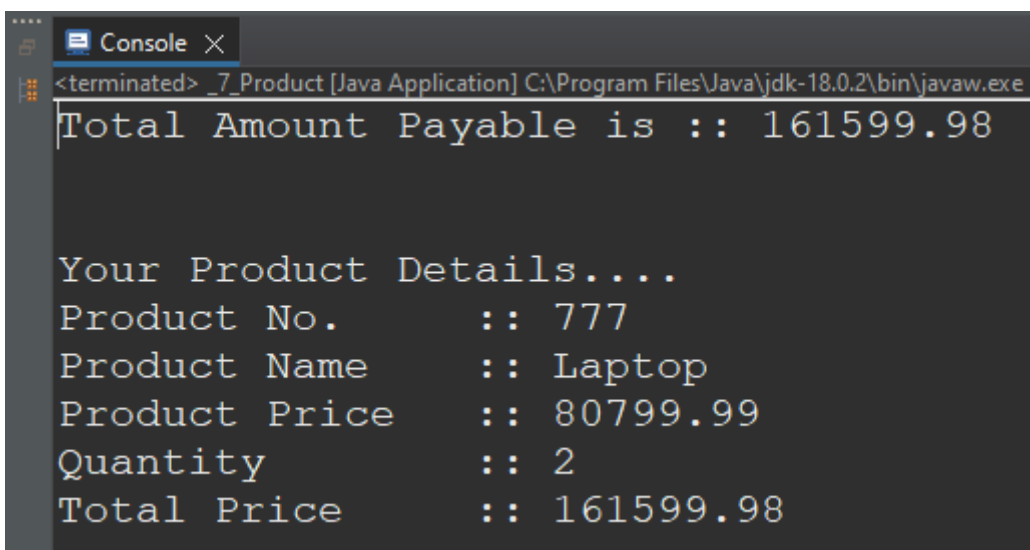
        System.out.println("Total Price \t:: "+TotalPrice);

    }

}

```

Output



```

<terminated> _7_Product [Java Application] C:\Program Files\Java\jdk-18.0.2\bin\javaw.exe
Total Amount Payable is :: 161599.98

Your Product Details....
Product No.      :: 777
Product Name     :: Laptop
Product Price    :: 80799.99
Quantity         :: 2
Total Price      :: 161599.98

```