**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**

