/\* Define a class Customer with the following specifications.

Private members:

* customer\_no - integer
* customer\_name - char[20]
* qty - integer
* price, totalprice, discount, netprice - float

Public members:

* A constructor to assign initial values of customer\_no as 111, customer\_name as “Leena”, qty as 0 and price, discount and netprice as 0.
* Input() - To read data members
* Caldiscount() - To calculate discount according to the totalprice and netprice

totalprice = price\*qty

totalprice >= 50000 - discount 25% of totalprice

totalprice >= 25000 and

totalprice<50000 -discount 15% of totalprice

totalprice <25000 – discount 10% of totalprice

netprice = totalprice-discount

* show() - to display customer details. \*/

#include<iostream.h>  
#include<stdio.h>  
#include<string.h>  
class customer  
{  
  int customer\_no, qty;  
  char customer\_name[20];  
  float price, totalprice, netprice, discount;  
  public:  
  customer()  
  {  
         customer\_no=111;  
         strcpy(customer\_name, "Leena");  
         qty=0;  
         price=0;  
         discount=0;  
         netprice=0;  
  }  
  void input()  
  {  
         cout<<"Enter the customer number ";  
         cin>>customer\_no;  
         cout<<"Enter the customer name ";  
         gets(customer\_name);  
         cout<<"Enter quantity ";  
         cin>>qty;  
         cout<<"Enter price ";  
         cin>>price;  
         caldiscount();  
  }  
  void caldiscount()  
  {  
         totalprice=price\*qty;  
         if(totalprice>=50000)  
                discount=0.25\*price;  
         else if(totalprice>=25000 && totalprice <50000)  
                discount=0.15\*price;  
         else if(totalprice<25000)  
                discount=0.10\*price;  
         netprice=totalprice-discount;  
  }  
  void show()  
  {  
        cout<<"\n Customer number = "<<customer\_no;  
        cout<<"\n Customer name = "<<customer\_name;  
        cout<<"\n Quantity = "<<qty;  
        cout<<"\n Price = "<<price;  
        cout<<"\n Total price = "<<totalprice;  
        cout<<"\n Discount = "<<discount;  
        cout<<"\n netprice = "<<netprice;  
  }  
};  
void main()  
{  
  customer c;  
  c.input();  
  c.show();  
}

**OUTPUT**

