

/* Diwali festival discounts are announced by a showroom. Based on the total cost of the purchase, the following discounts are offered
Less than Rs. 1000: 5%
More than Rs1000 and upto Rs2000: 15%
Rs 2000 to Rs 5000: 20%
Above Rs 5000: 35%
Above Rs 10000: 50%
Write a program in C++ to compute and display the amount to be paid by the customer after availing the discounts. The total cost can be taken as input.*/

```
#include <iostream>
using namespace std;
int main()
{
    int ori_amt, discount;//, total;
    cout << "\nEnter the purchase amount: ";
    cin>>ori_amt;
    if (ori_amt<=1000)
        discount=(ori_amt * 5)/100;
    else if(ori_amt>1000 && ori_amt<=2000)
        discount=(ori_amt * 15)/100;
    else if(ori_amt>2000 && ori_amt<=5000)
        discount=(ori_amt * 20)/100;
    else if(ori_amt>5000 && ori_amt<=10000)
        discount=(ori_amt * 35)/100;
    else if(ori_amt>10000)
        discount=(ori_amt * 50)/100;

    cout << "\nEnter the purchase amount is: "<<ori_amt;
    cout << "\nTotal discount is: "<<discount;
    cout << "\nThe amount to be paid is: "<<ori_amt-discount<<endl;
    return 0;
}
/*
```

Enter the purchase amount: 15000

Entered the purchase amount is: 15000

Total discount is: 7500

The amount to be paid is: 7500

Process returned 0 (0x0) execution time : 16.916 s

Press any key to continue.

*/