Program to Calculate Discounted Bill Amount

```cpp
#include<iostream>
using namespace std;
int main()
{
    float billAmount;
    float discount=0.0;

    cout<<"Enter Bill Amount:";
    cin>>billAmount;
    if(billAmount>=500)
        discount=billAmount*20/100;
    else if(billAmount>=100 && billAmount<500)
        discount=billAmount*10/100;

    cout<<"Bill Amount is:"<<billAmount<<endl;
    cout<<"Discount is :"<<discount<<endl;
    cout<<"Discounted Amount is:"<<billAmount-discount<<endl;


}
```