```cpp
#include<iostream>
using namespace std;
class EB
{
        char name[20];
        int pmr,cmr,u,bill_no,amt,TOC;
        public:
                void input();
                void calculate();
                void display();
};
void EB :: input()
{

    cout<<"enter the consumer name:";
    cin>>name;
    cout<<"enter the previous month reading";
    cin>>pmr;
    cout<<"enter the current month reading";
    cin>>cmr;
    cout<<"1.domestic\n2.commercial";
    cin>>TOC;
}
void EB :: calculate()
{
        u=cmr-pmr;
        switch(TOC)
        {
        case 1:

        if(u<=100)

                amt=u*1;

        else if(u>100 && u<=200)

                amt=u*2.50;

        else if(u>200 && u<=500)

                amt=u*4;

        else if(u>500)
```

```cpp
                amt=u*6;
        break;
            case 2:
                    if(u<=100)

                        amt=u*2;

            else if(u>100 && u<=200)

                        amt=u*4.50;

            else if(u>200 && u<=500)

                        amt=u*6;

            else if(u>500)

                        amt=u*7;
                        break;
            default:
                        cout<<"enter valid input";
            }


}
    void EB :: display()
    {
        cout<<"no.of units "<<pmr-cmr;
        cout<<"bill for the month= "<<amt;
        }
        int main()
        {
                EB a;
                a.input();
                a.calculate();
                a.display();
                return 0;
        }
```

```
enter the consumer name:venga
enter the previous month reading180
enter the current month reading120
1.domestic
2.commercial1
no.of units 300bill for the month= 1200
[Program finished]
```