

7.3.cpp

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1 //Lab7-4.cpp - calculates the avg electric bill over some months
2 //Created by Kripa Kini on 3/25/19
3
4 #include <iostream>
5 #include <iomanip>
6
7 using namespace std;
8 int main () {
9     int month = 1;
10    double totalBill = 0.0;
11    double monthlyBill = 0.0;
12    double average = 0.0;
13    while (monthlyBill != -1) {
14        cout << "What was the electric bill for month " << month << "? ";
15        cin >> monthlyBill;
16        if (monthlyBill == -1) {
17            break;
18        }
19        totalBill += monthlyBill;
20        month ++;
21    }
22    totalBill += 1;
23    average = (totalBill)/(month - 1);
24    cout << fixed << setprecision(2);
25    cout << endl << "The average electric bill was " << average << " dollars" << endl;
26    return 0;
27 }
28
```

1. bash

```
Last login: Mon Mar 25 16:12:22 on ttys001
SriganeshsMBP2:~ kripak$ cd Documents
SriganeshsMBP2:Documents kripak$ cd Ohlone
SriganeshsMBP2:Ohlone kripak$ g++ 7.4.cpp
SriganeshsMBP2:Ohlone kripak$ ./a.out
What was the electric bill for month 1? 124.89
What was the electric bill for month 2? 110.65
What was the electric bill for month 3? 99.43
What was the electric bill for month 4? 100.35
What was the electric bill for month 5? -1

The average electric bill was 109.08 dollars
SriganeshsMBP2:Ohlone kripak$
```