

My Maya

Owl Code



Apt Logic

Logout



J-Path

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[Home](#) / [Owl ground](#) / Current Bill

Points: 20

Submissions: 4270



## Description

### Current Bill

#### Program Description

Write a program to calculate and print the Electricity bill of a given customer. Units consumed by the user should be taken from the keyboard and display the total amount to be paid by the customer. The charges are as follows

Unit Charge/unit

upto 199 @1.20

200 and above but less than 400 @1.50

400 and above but less than 600 @1.80

600 and above @2.00

If the bill exceeds Rs. 400 then a surcharge of 15% will be charged.

If the bill is less than Rs. 400 then a minimum surcharge amount should be Rs. 100/-.

#### Input Format

A single line input containing, one integer.

### Output Format

Display output according to the description.

### Constraints

0<=input<=10000

Input-1

800

Output-1

1840.00

C - GCC 11.1.0 ▾



Timer

0:17 sec



Light



```
1 #include <stdio.h>
2 int main()
3 {
4     int units;
5     scanf("%d", &units);
6
7     float bill;
8
9     if (units <= 199) {
10         bill = units * 1.20;
11     } else if (units >= 200 && units < 400) {
12         bill = units * 1.50;
13     } else if (units >= 400 && units < 600) {
14         bill = units * 1.80;
15     } else {
16         bill = units * 2.00;
17     }
18
19
20     if (bill > 400) {
21         bill = bill + (bill * 0.15);
22     } else {
23         bill = bill + 100;
24     }
```

```
25
26     printf("%.2f", bill);
27     return 0;
--
```

[Run Code](#)

## Compiler Response

#	Testcase	Input	Expected Output	Your Output	Memory	CPU time	Result
1	150	150	280.00	280.00	1408 KB	3.388 ms	Pass
2	230	230	445.00	445.00	1408 KB	2.455 ms	Pass

All hidden testcases passed



Contact

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Light



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