

1)Write a program in C to calculate and print the electricity bill of a given customer. The customer ID, name, and unit consumed by the user should be captured from the keyboard to display the total amount to be paid to the customer.

The charge are as follow :

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 bill exceeds Rs. 400 then a surcharge of 15% will be charged and the minimum bill should be of Rs. 100/-

Sample Solution:

C Code:

refer the link below:

<https://www.w3resource.com/c-programming-exercises/conditional-statement/c-conditional-statement-exercises-19.php>

2)Write a C program to determine eligibility for admission to a professional course based on the following criteria:

Marks in Maths >=65

Marks in Phy >=55

Marks in Chem>=50

Total in all three subject >=190

or

Total in Math and Physics >=140

solution :

refer the link below

<https://www.w3resource.com/c-programming-exercises/conditional-statement/c-conditional-statement-exercises-10.php>

3) Write a C program to read temperature in centigrade and display a suitable message according to the temperature state below:

Temp < 0 then Freezing weather

Temp 0-10 then Very Cold weather

Temp 10-20 then Cold weather

Temp 20-30 then Normal in Temp

Temp 30-40 then Its Hot

Temp >=40 then Its Very Hot

solution:

refer the link

<https://www.w3resource.com/c-programming-exercises/conditional-statement/c-conditional-statement-exercises-13.php>

4)

Write a program in C to accept a grade and display the equivalent description:

Grade	Description
E	Excellent
V	Very Good
G	Good
A	Average
F	Fail

solution:

<https://www.w3resource.com/c-programming-exercises/conditional-statement/c-conditional-statement-exercises-20.php>