1. **PROGRAMMING**. 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 charges are as follow:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Unit** | **Charge/unit** |  | ***Sample Output (if input the ff):***  **ELECTRIC BILL**  Customer ID No  Customer Name  Unit Consumed  Amount Charges @ $2.00 per unit  Surcharge Amount  Net Amount Paid by the Customer | :  :  :  :  :  : | 1001  Jericho  800  1600.00  240.00  1840.00 |
| 199 and below | @ $1.20 |  |
| 200 – 399 | @ $1.50 |  |
| 400 – 599 | @ $1.80 |  |
| 600 and above | @ $2.00 |  |
|  |  |  |
| *If bill exceeds $400 then a surcharge of 15%*  *will be charged and the minimum bill should*  *be of $100/-* | | |

***“Live to excel in the field of machine code!”***