

WAP 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.

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PROGRAM:-

```
#include <stdio.h>
int main() {
    int id, units;
    char name[30];
    float amount, charge, surcharge = 0, net;
    printf("Input Customer Id: ");
    scanf("%d", &id);
    printf("Input Customer Name: ");
    scanf("%s", name);
    printf("Input Units Consumed: ");
    scanf("%d", &units);
    if (units < 200)
        charge = 1.20;
    else if (units < 400)
        charge = 1.50;
    else if (units < 600)
        charge = 1.80;
    else
        charge = 2.00;
    amount = units * charge;
```

```
    if (amount > 400)
        surcharge = 0.15 * amount;
    net = amount + surcharge;
    if (net < 100)
        net = 100;
    printf("\nCustomer IDNO: %d\n", id);
    printf("Customer Name: %s\n", name);
    printf("Unit Consumed: %d\n", units);
    printf("Amount Charges @Rs. %.2f per unit: %.2f\n", charge, amount);
    printf("Surcharge Amount: %.2f\n", surcharge);
    printf("Net Amount Paid by the Customer: %.2f\n", net);
}
```

```
Input Customer Id: 2354789
Input Customer Name: DD
Input Units Consumed: 852

Customer IDNO: 2354789
Customer Name: DD
Unit Consumed: 852
Amount Charges @Rs. 2.00 per unit: 1704.00
Surcharge Amount: 255.60
Net Amount Paid by the Customer: 1959.60
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```