```c
#include <stdio.h>

int main() {
    int customerID, units;
    char name[50];
    float billAmount = 0.0, surcharge = 0.0, totalAmount = 0.0;

    // Input customer details
    printf("Enter Customer ID: ");
    scanf("%d", &customerID);
    printf("Enter Customer Name: ");
    scanf("%s", name);
    printf("Enter the number of units consumed: ");
    scanf("%d", &units);

    // Calculate bill amount based on rate slabs
    if (units <= 100) {
        billAmount = units * 1.50;
    } else if (units <= 300) {
        billAmount = 100 * 1.50 + (units - 100) * 2.00;
    } else {
        billAmount = 100 * 1.50 + 200 * 2.00 + (units - 300) * 3.00
```

```c
    }

    // Apply minimum charge
    if (billAmount < 50) {
        billAmount = 50;
    }


    // Calculate surcharge if applicable
    if (billAmount > 500) {
        surcharge = 0.20 * billAmount;
    }


    // Calculate total amount
    totalAmount = billAmount + surcharge;

    // Display the bill
    printf("\nElectricity Bill:\n");
    printf("Customer ID: %d\n", customerID);
    printf("Customer Name: %s\n", name);
    printf("Units Consumed: %d\n", units);
    printf("Base Bill Amount: ₹%.2f\n", billAmount);
    printf("Surcharge: ₹%.2f\n", surcharge);
```

```c
    printf("Total Amount Payable: ₹%.2f\n", totalAmount);

    return 0;
}
```