

17. #include <stdio.h>

```
int main() {  
    int presentMonthReading, lastMonthReading;  
    int unitsConsumed;  
    float electricityCharge;  
  
    // Read present month reading from user  
    printf("Enter present month reading (in units): ");  
    scanf("%d", &presentMonthReading);  
  
    // Read last month reading from user  
    printf("Enter last month reading (in units): ");  
    scanf("%d", &lastMonthReading);  
  
    // Calculate units consumed  
    unitsConsumed = presentMonthReading - lastMonthReading;  
  
    // Calculate electricity charge (considering a hypothetical rate per unit)  
    // For example, assuming a rate of Rs. 5 per unit  
    electricityCharge = unitsConsumed * 5.0; // 5.0 to ensure floating-point calculation  
  
    // Display the calculated units consumed and electricity charge  
    printf("Units consumed: %d\n", unitsConsumed);  
    printf("Electricity charge: Rs. %.2f\n", electricityCharge);  
  
    return 0;  
}
```