Program Number: 2

Title : Electricity Bill **preparation.**

Aim: Generate Electricity Bill

Algorithm:

    1.start

    2.Input unit consumed by user, .

    3. If unit<=100, Then amount=unit*1 Rs

    4.If unit>100 AND unit<=300, Then amount=100+((unit-100) *2) Rs.

    5.If unit>300, Then amount = 100+400 +((unit-300) * 3) Rs.

    6. Print the amount

    7. End

Program:

```c
/*
   Title : Electricity  Bill  preparation.
   Done by : Deepak M S
   Aim: Generate Electricity Bill
*/

#include<stdio.h>
#include<string.h>

int main(){
   //declaration of variables
   int unit,amount;

   //get unit of current used
   printf("Enter unit of current consumed :");
   scanf("%d",&unit);

   //check and calculate amount
   if(unit<=100){
      amount = unit * 1;

   }else if(unit>100 && unit <=300){
      amount =  100 + ((unit - 100)*2);
   }else{
      amount = 100+400 +( (unit-300) * 3);
   }
```
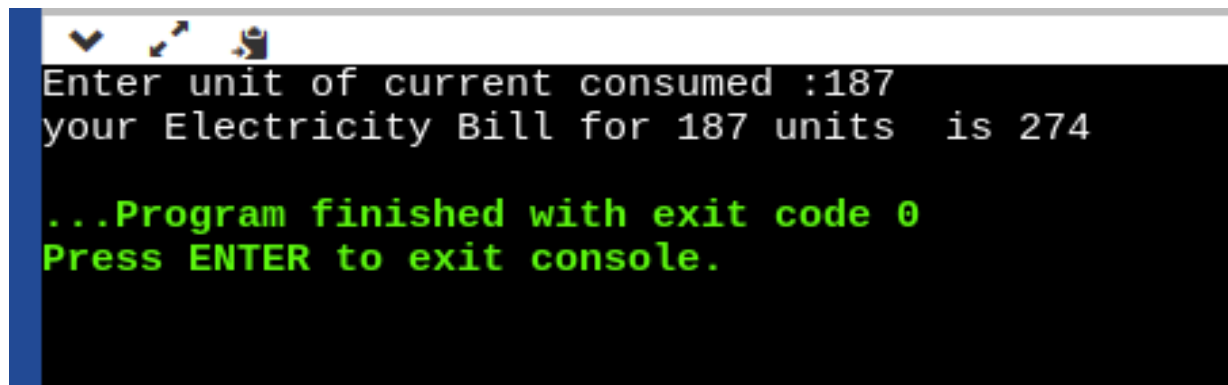
```
    // print Bill
    printf("your Electricity Bill for %d unit  is %d",unit,amount);

}
```

Output:

```
Enter unit of current consumed :187
your Electricity Bill for 187 units   is 274

...Program finished with exit code 0
Press ENTER to exit console.
```

Result: Program successes. Able to calculate the current bill