1.Write a C Program to calculate Electricity Bill

Given an integer U denoting the amount of KWh units of electricity consumed, the task is to calculate the electricity bill with the help of the below charges:  
• 1 to 100 units – Rs. 10/- Per Unit  
• 100 to 200 units – Rs. 15/- Per Unit  
• 200 to 300 units – Rs. 20/- Per Unit  
• above 300 units – Rs. 25/- Per Unit

Examples:

Input: U = 250

Output: 3500

Explanation:

Charge for the first 100 units – 10100 = 1000Charge for the 100 to 200 units – 15100 = 1500  
Charge for the 200 to 250 units – 20\*50 = 1000  
Total Electricity Bill = 1000 + 1500 + 1000 = 3500

**Code:**

#include <stdio.h>

#include <stdlib.h>

int main()

{

int unit;

printf("U=");

scanf("%d",&unit);

if(unit<=100){

printf("%d",unit\*10);

}

else if(unit<=200){

printf("%d",(100\*5)+(unit-100)\*15);

}

else if(unit<=300){

printf("%d",(100\*10)+(100\*15)+(unit-200)\*20);

}

else if(unit>300){

printf("%d",(100\*10)+(100\*15)+(100\*20)+(unit-300)\*25);

}

else{

printf("No value");

}

getch();

return 0;

}

**Output:**

