#include <stdio.h>

int main()

{

|  |  |
| --- | --- |
|  | float unit,total,charge; |
|  | char name[20]; |
|  | printf("Enter the name : "); |
|  | scanf("%s",name); |
|  |  |
|  |  |
|  | printf("Enter the units : "); |
|  | scanf("%f",&unit); |
|  | charge=0; |
|  |  |
|  | if(unit>=1&&unit<=200) |
|  | { |
|  | charge=0.8 \* unit; |
|  | } |
|  | else if(unit>=201&&unit<=300) |
| { |  |

charge = 0.8\*(200) + 0.9\*(unit-200);

}

else if (unit > 300)

{

charge = 0.8\*(200) + 0.9\*(100) + 1\*(unit-300);

}

total=charge+100;

if(total>400)

{

total = total + (0.15\*total);

}

printf("\n\nELECTRICITY BILL\n");

printf("............\n");

printf("\nName : %s\n",name); printf("No. of units: %.2f\n",unit); printf("Total Bill Amount: Rs. %.2f\n",total);

printf("----------------\n");

return 0;

}

Output:

$ cc electricity.c

$ ./a.out

Enter the name :girish

Enter the units :0

ELECRICITY BILL

………………..

Name : girish

No. of units :0.00

Total Bill Amount : Rs. 100.00

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$ ./a.out

Enter the name :lohith

Enter the units :167

ELECRICITY BILL

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Name : lohith

No. of units :167.00

Total Bill Amount : Rs. 233.60

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$ ./a.out

Enter the name :abcd

Enter the units :457

ELECRICITY BILL

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Name : abcd

No. of units :457

Total Bill Amount : Rs. 583.00

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