Q. WRITE A PROGRAM TO GENERATE THE ELCECTRICITY BILL OF A GIVEN CUSTOMER.THE CUSTOMER ID,NAME AND UNITS CONSUMED MUST BE READ.THE FOLLOWING IS THE DATA OF RATE PER UNIT FOR VARIOUS CATEGORIES OF UNITS CONSUMED.

A. #include<stdio.h>

int main()

{

int units,id;

float bill1,bill2;//The bill should be a minimum of Rs.100/-

char name[5];

printf("Enter Customer ID:");

scanf("%d",&id);

printf("Enter the name:");

scanf("%s",&name);

printf("Enter the amount of units consumed:");

scanf("%d",&units);

if(units<=199){

bill1=(units\*1.20);

printf("The bill is Rs.%.2f/-",bill1);

}else{

if(units>=200&&units<400){

bill1=(units\*1.50);

printf("The bill is Rs.%.2f/-",bill1);

}else{

if(units>=200&&units<400&&bill1>400){

bill2=bill1+((bill1\*15)/100);

printf("Your bill is %.2f",bill2);

}else{

if(units>=400&&units<600){

bill1=(units\*1.80);

printf("Your bill is%.2f",bill1);

}else{

if(units>=400&&units<600&&bill1>400){

bill2=bill1+((bill1\*15)/100);

printf("Your bill is %.2f",bill2);

}else{

if(units>600)

bill1=(units\*2.00);

bill2=bill1+((bill1\*15)/100);

printf("Your bill is %.2f",bill2);

}

}

}

}

}

return 0;

}

bill2=bill1+((bill1\*15)/100);

printf("Your bill is %.2f",bill2);

}else{

if(units>600)

bill1=(units\*2.00);

bill2=bill1+((bill1\*15)/100);

printf("Your bill is %.2f",bill2);

}

}

}

}

}

return 0;

}

OUTPUT:

