//to prepare electricity bill from the following data

#include<stdio.h>

main()

{

int pr,la,uc,e;

float amt;

char cat;

pr=la=uc=amt=e=0;

printf("Enter present month reading..:");

scanf("%d",&pr);

printf("Enter last month reading..:");

scanf("%d",&la);

printf("Enter catagory..:");

fflush(stdin);

scanf("%c",&cat);

uc=pr-la;

if(cat=='d'||cat=='D')

{

if(uc<=100)

amt=100;

else

if(uc<=200)

{

e=uc-100;

amt=100+e\*1.5;

}

else

if(uc<=300)

{

e=uc-200;

amt=100+150+e\*3;

}

else

{

e=uc-300;

amt=100+150+300+e\*5;

}

}/\*end of if block\*/

else

{

if(uc<=100)

amt=150;

else

if(uc<=200)

{

e=uc-100;

amt=150+e\*2.5;

}

else

if(uc<=300)

{

e=uc-200;

amt=120+250+e\*4.5;

}

else

{

e=uc-300;

amt=150+250+450+e\*7.5;

}

printf("amount is:%f",amt);

}

Output:

