

## Question No-29:

//Program to calculate the current bill for domestic and commercial consumers

```
#include<stdio.h>
```

```
int main()
```

```
{
```

```
    float units,ext,bill;
```

```
    units=bill=ext=0;
```

```
    char d;
```

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

```
    scanf("%f",&units);
```

```
    printf("Are you using electricity for domestic purpose(Y/N):");
```

```
    fflush(stdin);
```

```
    scanf("%c",&d);
```

```
    if(d=='y' || d=='Y')
```

```
    {
```

```
        if(units<100)
```

```
            bill=100;
```

```
    else
```

```
        if(units>=100&&units<200)
```

```
        {
```

```
            ext=units-100;
```

```
            bill=100+ext*1.5;
```

```
        }
```

```
    else
```

```
        if(units>=200&&units<300)
```

```
            {ext=units-200;
```

```
            bill=100+150+ext*3.0;
```

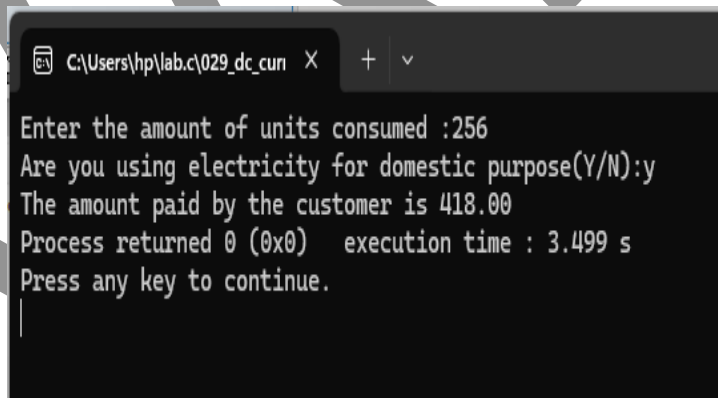
```
        }
```

```
    else
```

```

if(units>=300)
{
    ext=units-100;
    bill=100+150+300+ext*5;
}
}
else
    if(d=='n' || d=='N')
{
    if(units<100)
        bill=150;
    else
        if(units>=100&&units<200)
        {
            ext=units-100;
            bill=150+ext*2.50;
        }
    else
        if(units>=200&&units<300)
        {
            ext=units-200;
            bill=150+250+ext*4.50;
        }
    else
        if(units>=300)
        {
            ext=units-300;
            bill=150+250+450+units*7.50;
        }
    printf("The amount paid by the customer is %.2f",bill);}

```



```

C:\Users\hp\lab.c\029_dc_cun X + v
Enter the amount of units consumed :256
Are you using electricity for domestic purpose(Y/N):y
The amount paid by the customer is 418.00
Process returned 0 (0x0)   execution time : 3.499 s
Press any key to continue.

```