**ELECTRICITY BILL GENERATION**

**DOMESTIC SLAB SYSTEM**

|  |  |
| --- | --- |
| **UNITS** | **UNITS PRICE** |
| **1-50** | **1.45** |
| **51-100** | **2.80** |
| **101-200** | **3.05** |
| **201-300** | **4.75** |
| **301-500** | **6.00** |
| **>500** | **6.25** |

**30 UNITS 🡺 30\*1.45=43.5**

**80 UNITS 🡺50\*1.45+ 30\*2.8=156.5**

**180 🡺 50\*1.45 + 50\*2.8 + 80\*3.05=456.5**

**280 🡺 50\*1.45 + 50\*2.8 + 100\*3.05 + 80\*4.75= 897.5**

**380 🡺 50\*1.45 + 50\*2.8 + 100\*3.05 + 100\*4.75+80\*6=1472.5**

**580 🡺50\*1.45 + 50\*2.8 + 100\*3.05 + 100\*4.75+200\*6+ 80\*6.25 =2692.5**

**#include<stdio.h>**

**#include<conio.h>**

**void main()**

**{**

**long serno, pre, cur, units;**

**char name[20];**

**float amt;**

**clrscr();**

**printf("Enter service no "); scanf("%ld",&serno);**

**printf("Enter consumer name "); scanf("%s",name);**

**printf("Enter previous month reading "); scanf("%ld",&pre);**

**current:**

**printf("Enter current month reading "); scanf("%ld",&cur);**

**if(cur<pre) {puts("\aCheck current month reading"); goto current;}**

**units = cur - pre;**

**if(units<=50) amt = units \* 1.45;**

**else if(units<=100) amt = 50\*1.45 + (units-50)\*2.8;**

**else if(units<=200) amt = 50\*1.45 + 50\*2.8 + (units-100) \* 3.05;**

**else if(units<=300) amt = 50\*1.45 + 50\*2.8 + 100\*3.05+(units-200)\*4.75;**

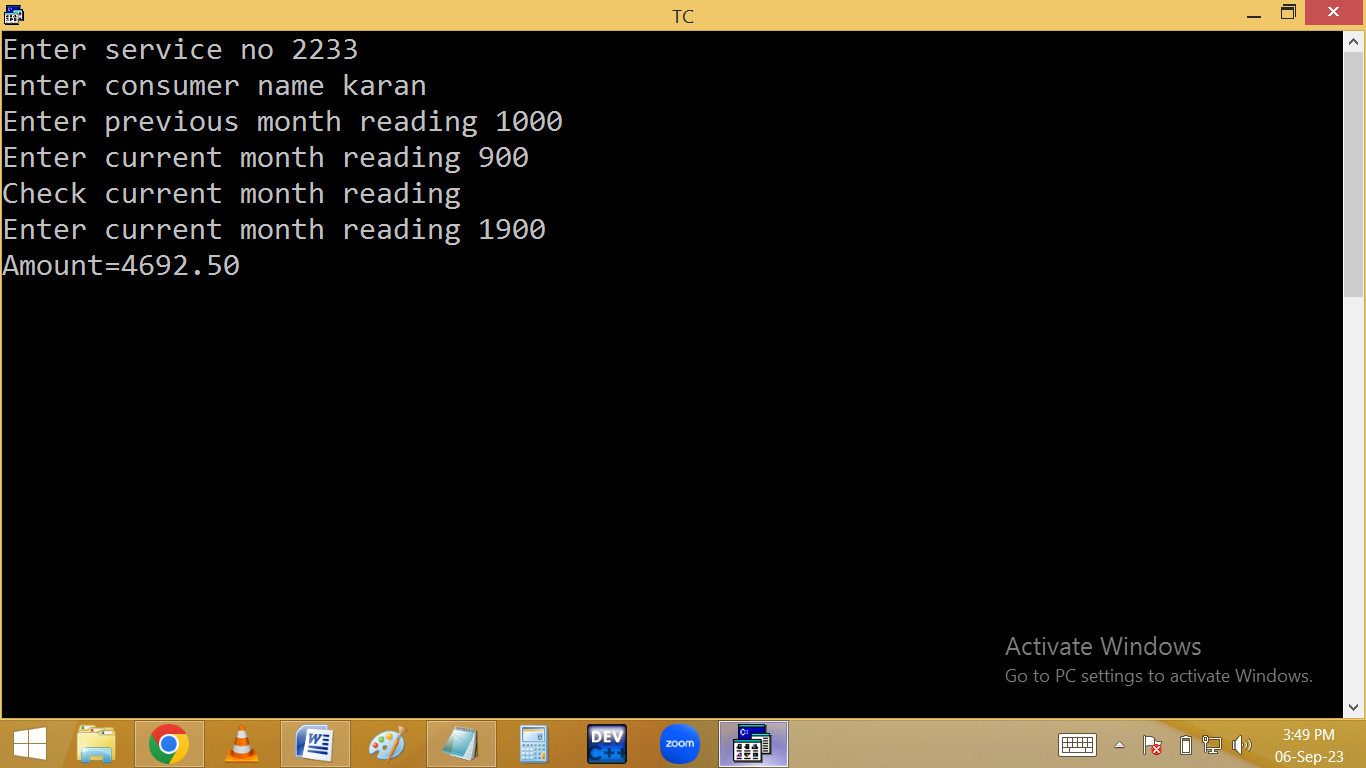
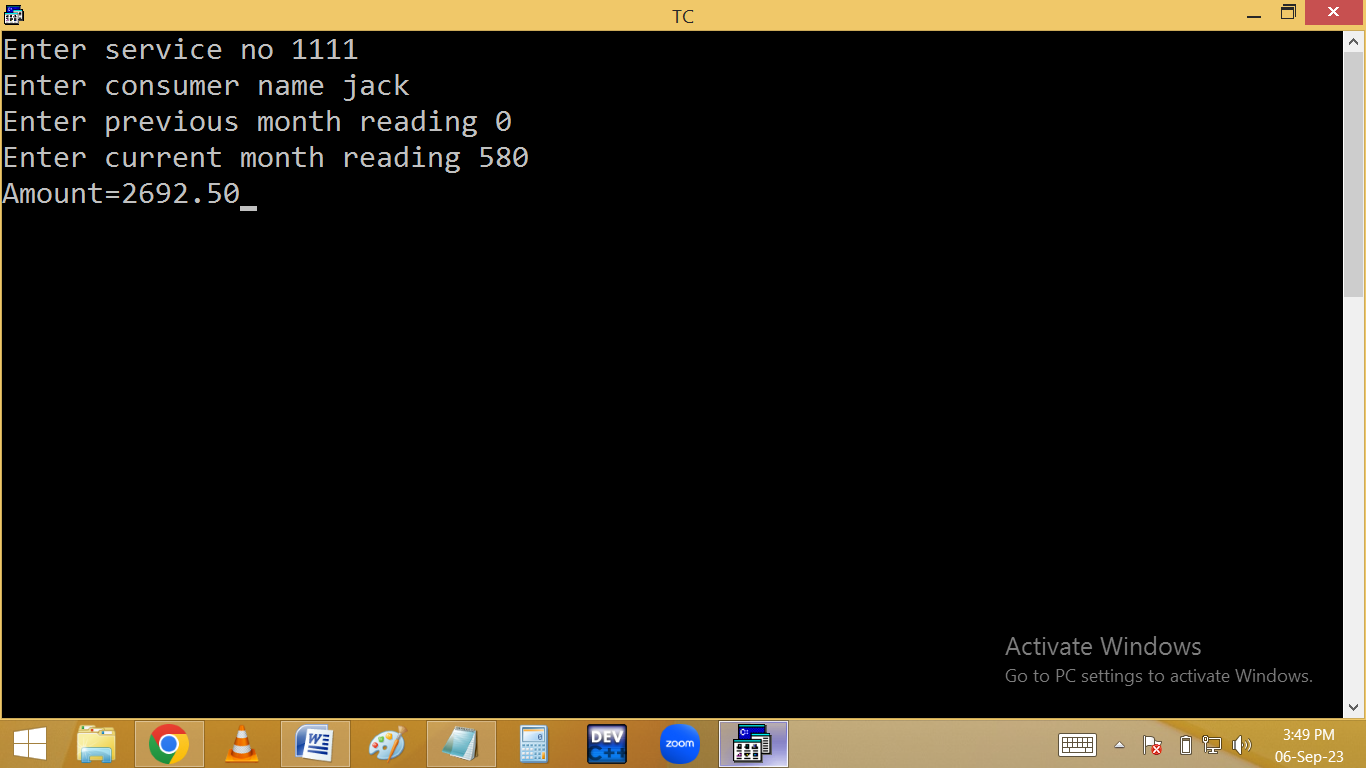
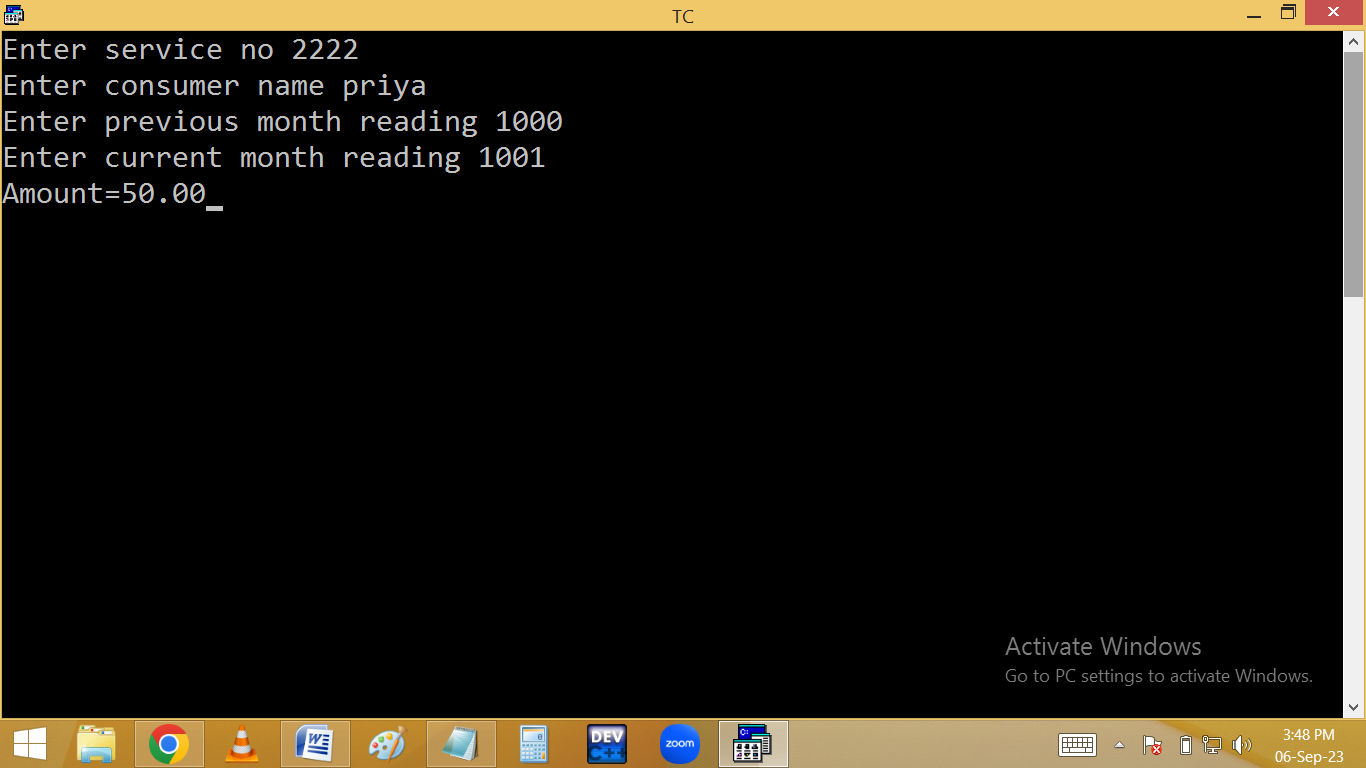
**else if(units<=500) amt = 50\*1.45+50\*2.8+100\*3.05+100\*4.75+(units-300)\*6;**

**else amt=50\*1.45+50\*2.8+100\*3.05+100\*4.75+200\*6+(units-500)\*6.25;**

**if(amt<50) amt=50;**

**printf("Amount=%.2f",amt);**

**getch();**

**}**