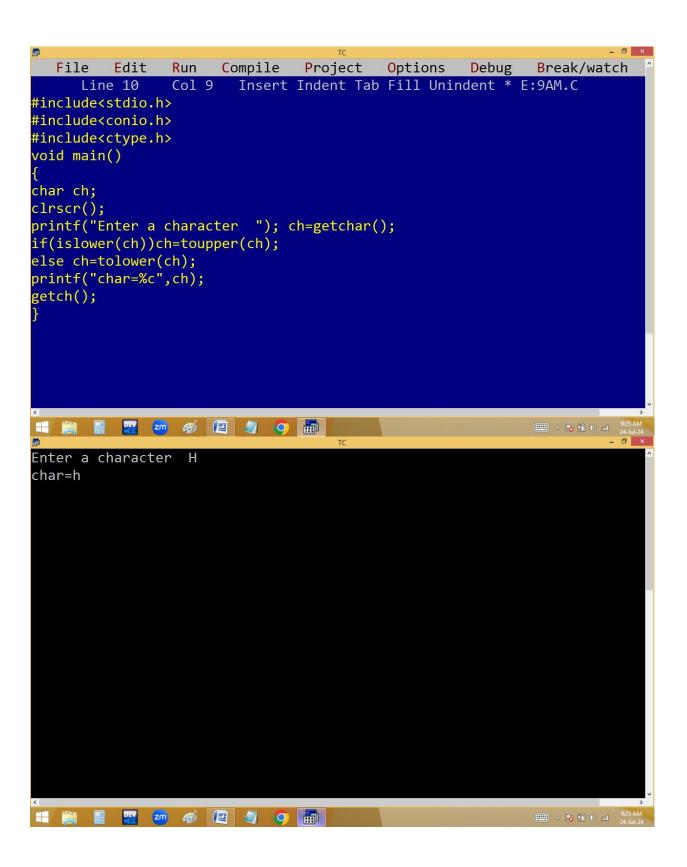
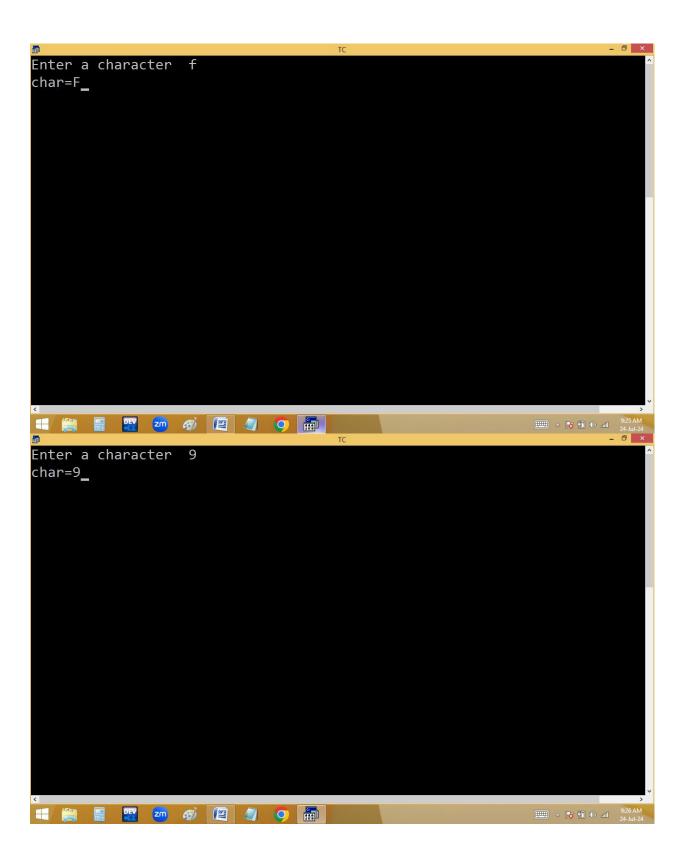
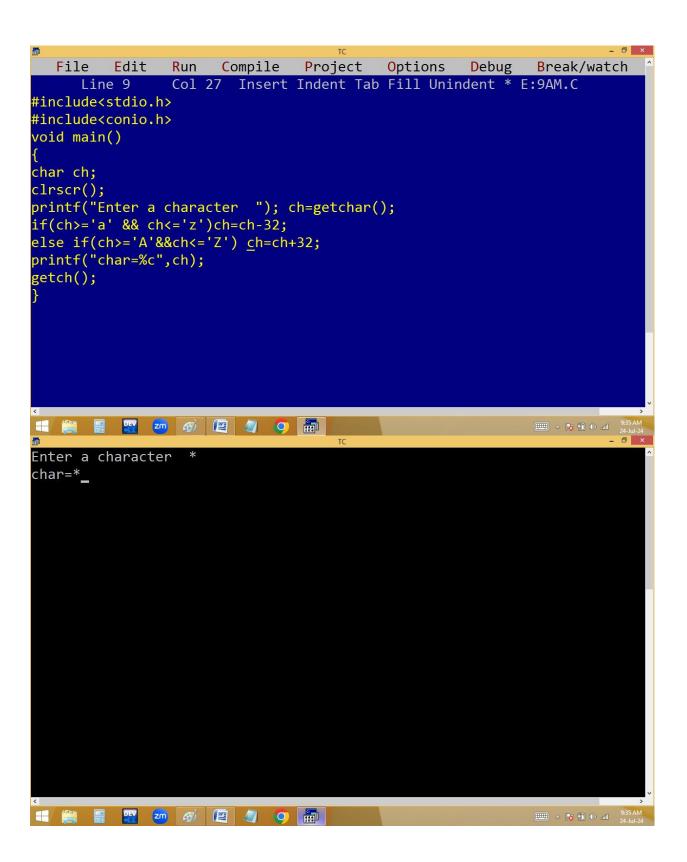
Lower to upper / upper to lower:

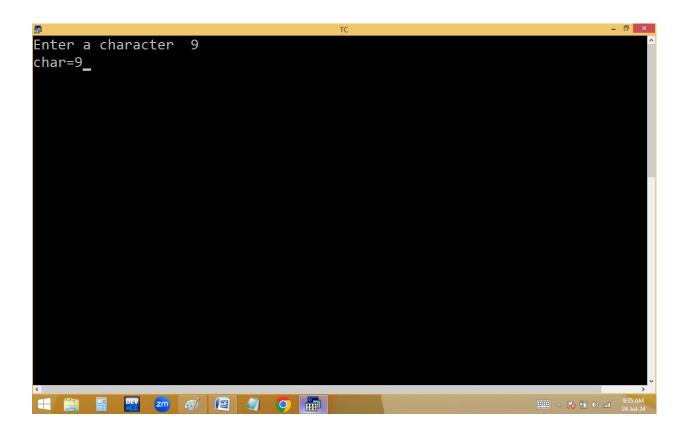
Using predefined functions:

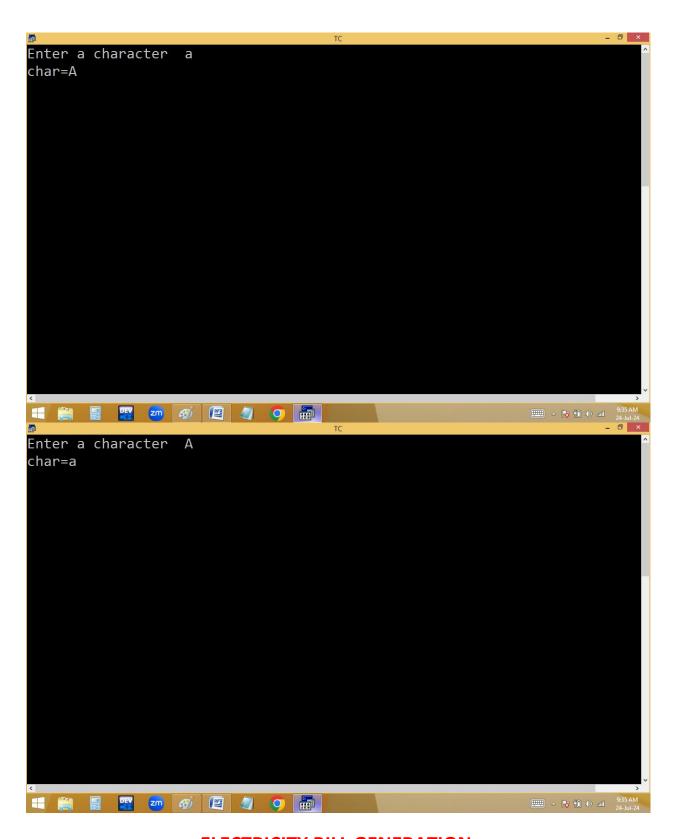




Without using predefined functions:







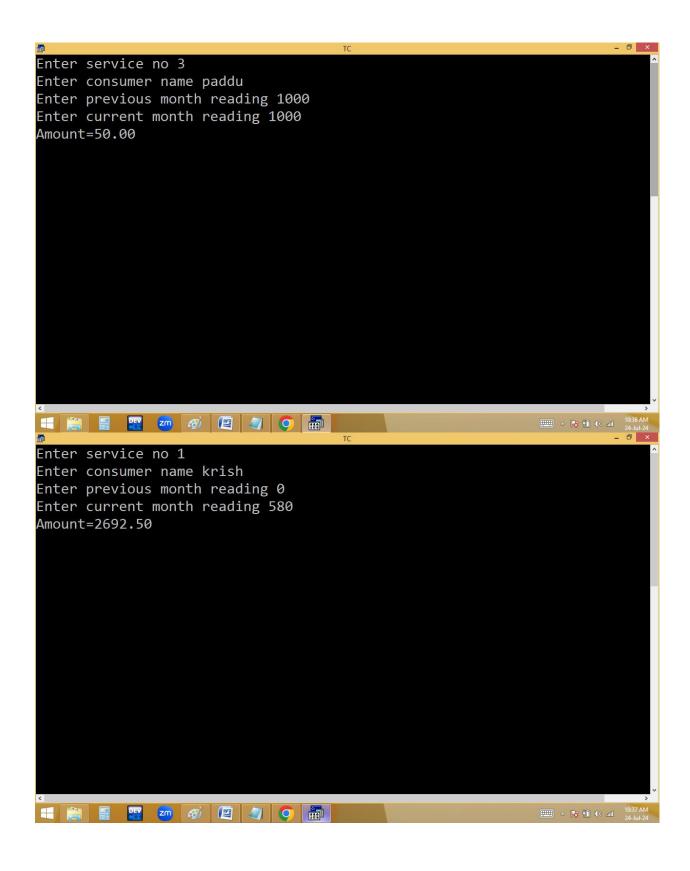
**ELECTRICITY BILL GENERATION** 

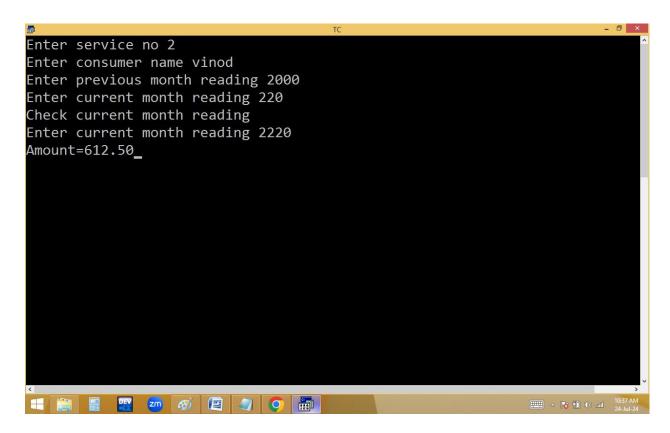
## **DOMESTIC SLAB SYSTEM**

UNITS	UNIT PRICE
1-50	1.45
51-100	2.8
101-200	3.05
201-300	4.75
301-500	6
>500	6.25

```
30U → 30*1.45=43.50
80U > 50*1.45 + 30*2.8=156.5
180U → 50*1.45+50*2.8+80*3.05=456.5
280U 3 50*1.45+50*2.8+100*3.05+80*4.75=897.5
480 \rightarrow 50*1.45+50*2.8+100*3.05+100*4.75+180*6=2072.5
580U -> 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);
fflush(stdin);
printf("Enter consumer name "); gets(name);
printf("Enter previous month reading "); scanf("%Id",&pre);
current:
printf("Enter current month reading "); scanf("%Id",&cur);
if(cur<pre){puts("\aCheck current month reading"); goto current;}</pre>
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();
}
```





## **Nested if:**

If within another if is called nested if.

