

Enter two number: 3 5
CHOICE

- 1. smaller**
 - 2. Bigger**
-

Enter ur option: 1
3 is smaller

Enter ur option: 2
5 is bigger

```
#include<stdio.h>
#include<conio.h>
void main()
{
float a,b;
```

```
int op;

start:

clrscr();

printf("Enter two numbers "); scanf("%f %f",&a,&b);

if(a==b) {puts("Both are equal");getch(); goto start;}

puts("-----
");

puts("\t\t 1. Bigger");

puts("\t\t 2. Smaller");

puts("\t\t 3. Exit");

puts("-----
");

printf("Enter ur option ");

scanf("%d",&op);

if(op==1) printf("%f is big", a>b?a:b);

if(op==2) printf("%f is small",a<b?a:b);

if(op==3) {puts("Application closed"); getch(); exit(0);}
```

```
if(op<1 || op>3) puts("Invalid selection");
```

```
getch();
```

```
goto start;
```

```
}
```

```
TC
Enter two numbers 2 3
-----
1. Bigger
2. Smaller
3. Exit
-----
Enter ur option 3
Application closed
```

```
TC
Enter two numbers 4.4 8.8
-----
1. Bigger
2. Smaller
3. Exit
-----
Enter ur option 1
8.800000 is big_
```

```
TC
Enter two numbers 3.3 4.4
-----
1. Bigger
2. Smaller
3. Exit
-----
Enter ur option 2
3.300000 is small_
```

```
TC
Enter two numbers 2 3
-----
1. Bigger
2. Smaller
3. Exit
-----
Enter ur option 4
Invalid selection
_
```

2. Find the salesman gross salary using below table.

Sales>=100000	Sales<100000
Basic=10000	Basic=10000
Da=65% of basic	Da=65% of basic
Bonus=10000	Bonus=2000
Commission=10% of sales	Commission=5% of sales
Gross = basic + da + bonus + commission	

```

File Edit Run Compile Project Options Debug Break/watch
Line 8 Col 51 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
{
float basic=10000, da=basic*0.65,bonus,comm,sales, gross;
clrscr();
printf("Enter sales man sales "); scanf("%f",&sales);
if(sales>=100000){ bonus=10000; comm = sales*0.1;}
else {bonus=2000; comm=sales*0.05;}
gross = basic + da + bonus + comm;
printf("Basic=%.2f\n",basic);
printf("Da=%.2f\n",da);
printf("Bonus=%.2f\n",bonus);
printf("Commission=%.2f\n",comm);
printf("Gross=%.2f",gross);
getch();
}

```

```
TC
Enter sales man sales 100000
Basic=10000.00
Da=6500.00
Bonus=10000.00
Commission=10000.00
Gross=36500.00_
```

```
TC
Enter sales man sales 99999
Basic=10000.00
Da=6500.00
Bonus=2000.00
Commission=4999.95
Gross=23499.95
```

Finding voter eligibility:

TC

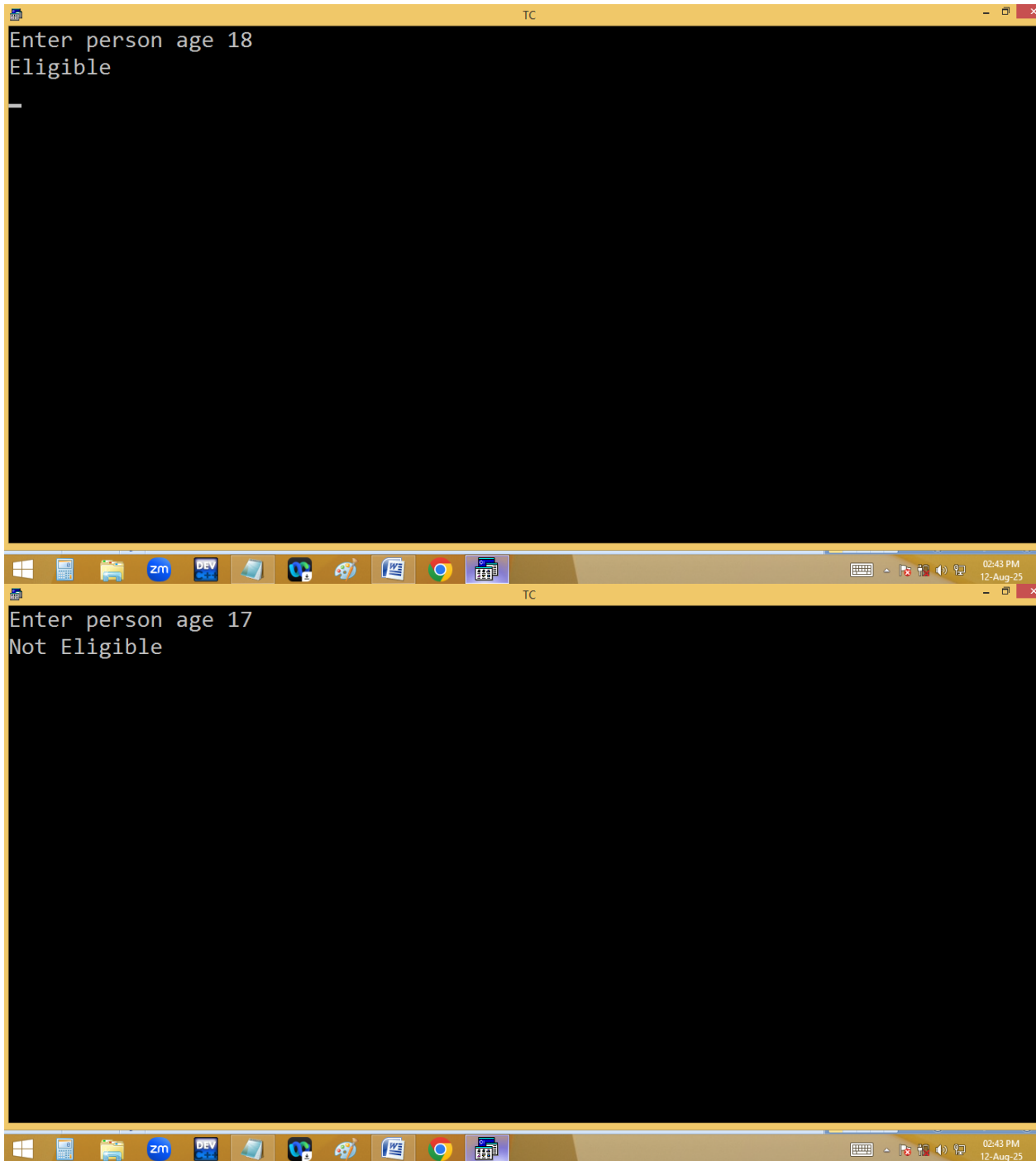
File Edit Run Compile Project Options Debug Break/watch

Line 11 Col 1 Insert Indent Tab Fill Unindent * E:2PM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
int age;
clrscr();
printf("Enter person age "); scanf("%d",&age);
if(age>=18) puts("Eligible");
else puts("Not Eligible");
getch();
}
```

TC

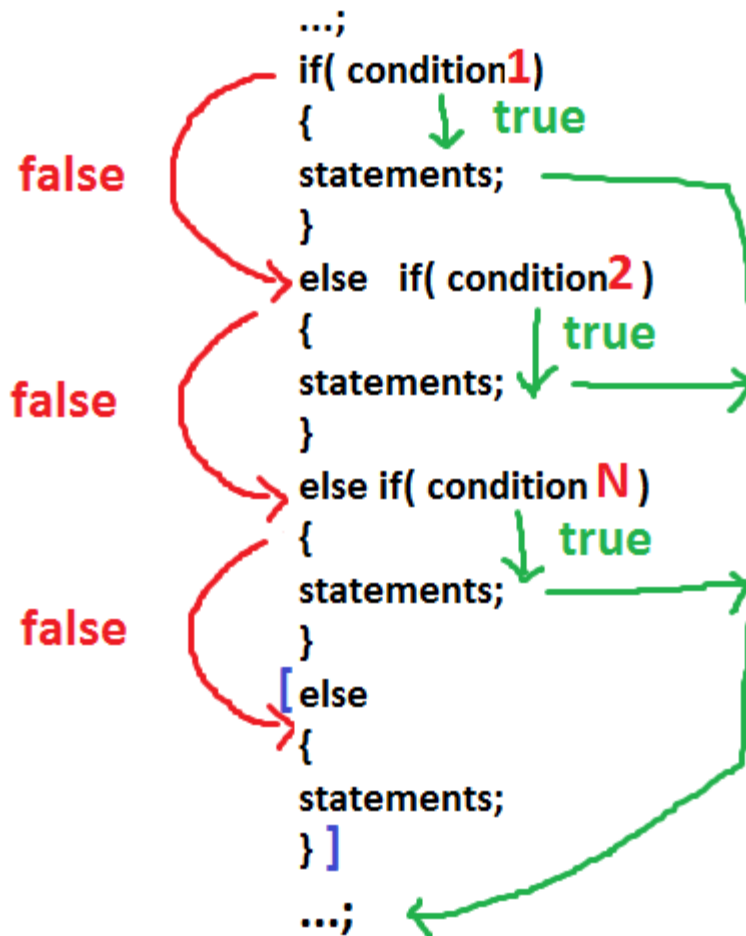
```
Enter person age 22
Eligible
```

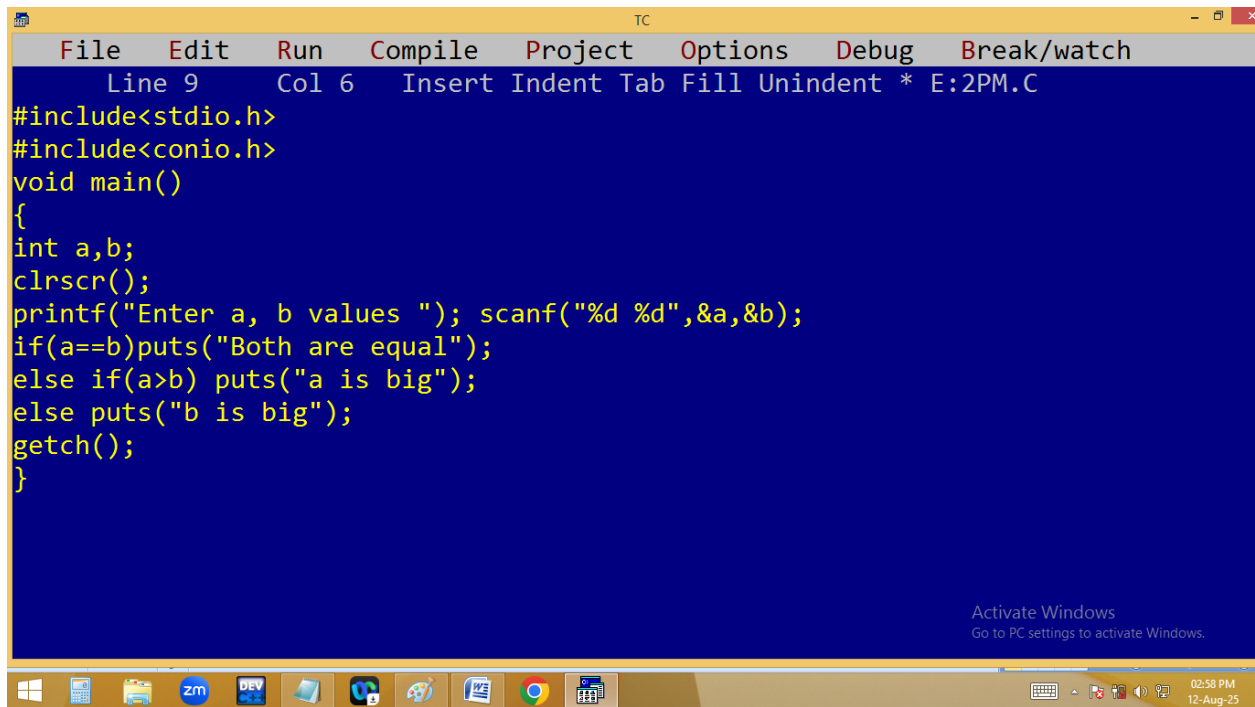
if...else if/ ladder if:

When the program contain 3 or more options and user have to select 1 then go for if else if ladder. In if..else if the conditions are tested from top to bottom one by one like the ladder steps and any one

condition is true then statements in that if block are executed and program execution jumped to outside the if series. If no condition true then statements in else are executed. Here else is optional.

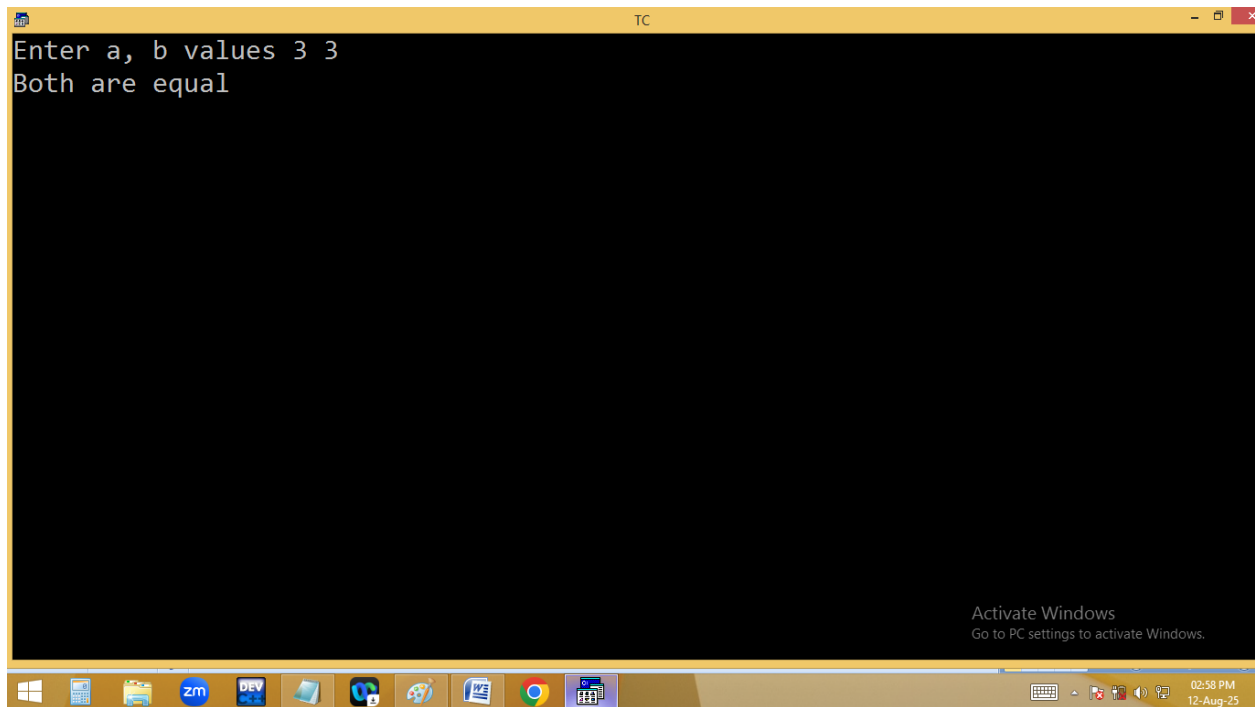


Finding max in 2 no's:



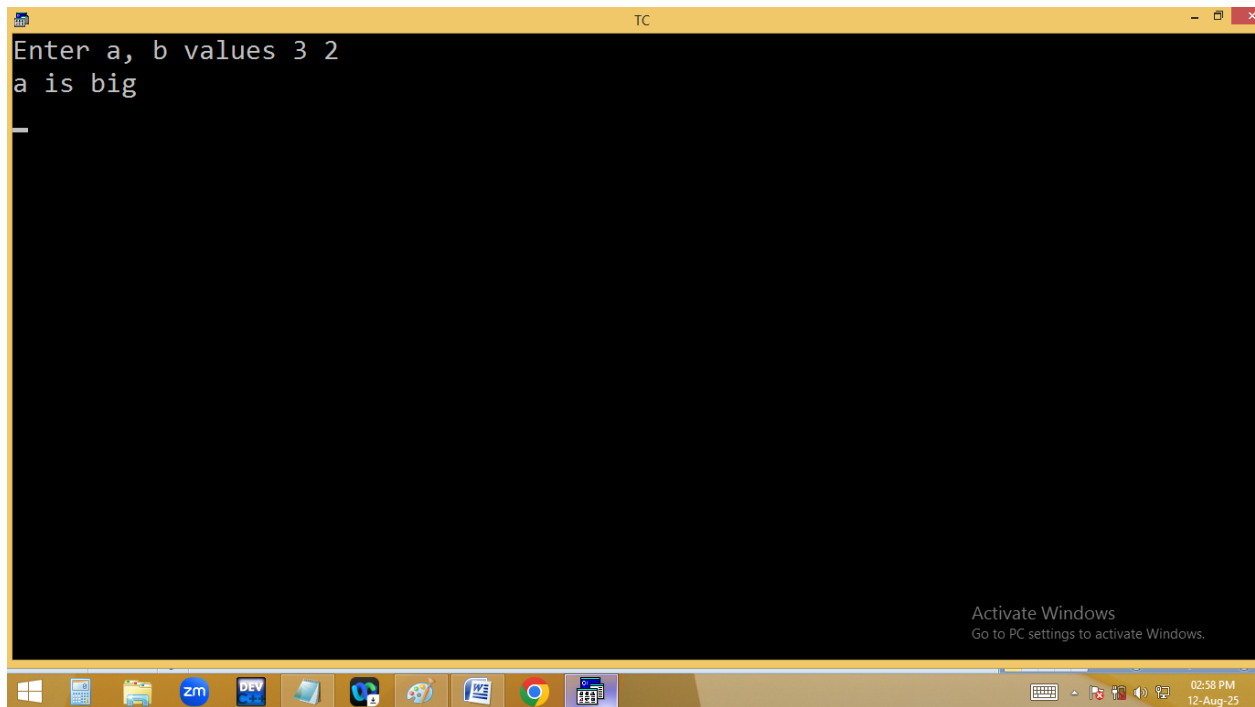
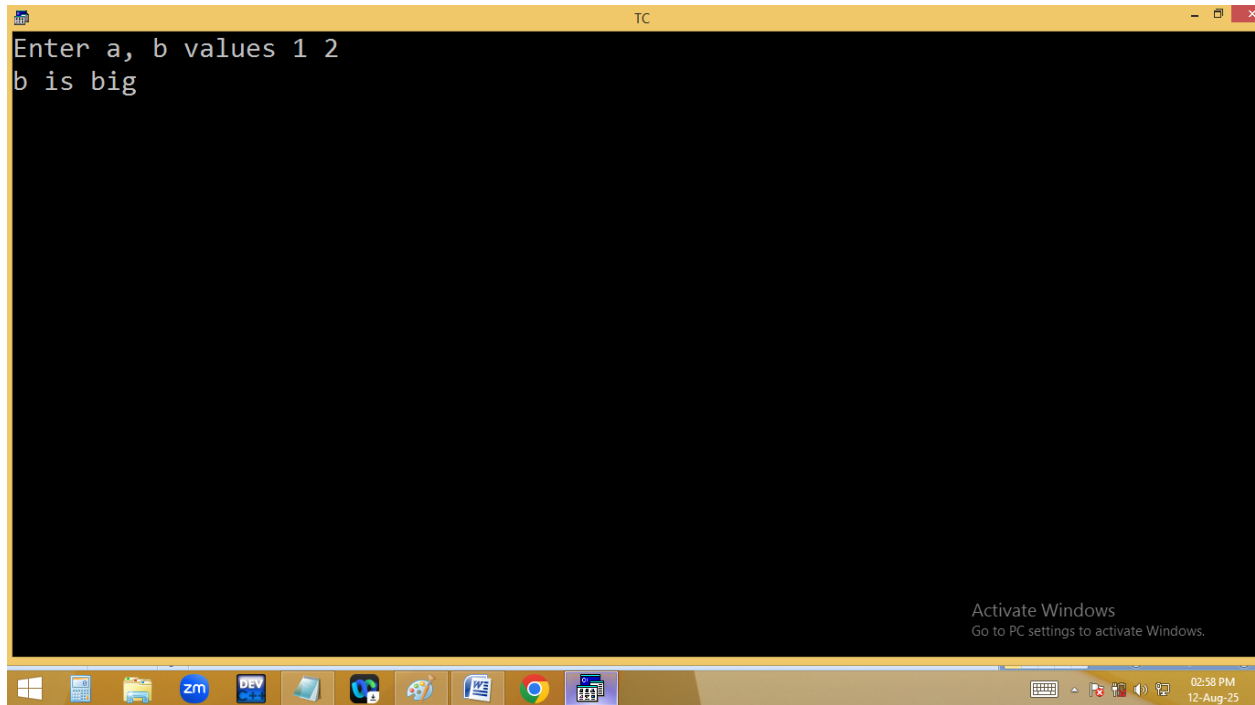
```
File Edit Run Compile Project Options Debug Break/watch
Line 9 Col 6 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int a,b;
clrscr();
printf("Enter a, b values "); scanf("%d %d",&a,&b);
if(a==b)puts("Both are equal");
else if(a>b) puts("a is big");
else puts("b is big");
getch();
}
```

Activate Windows
Go to PC settings to activate Windows.

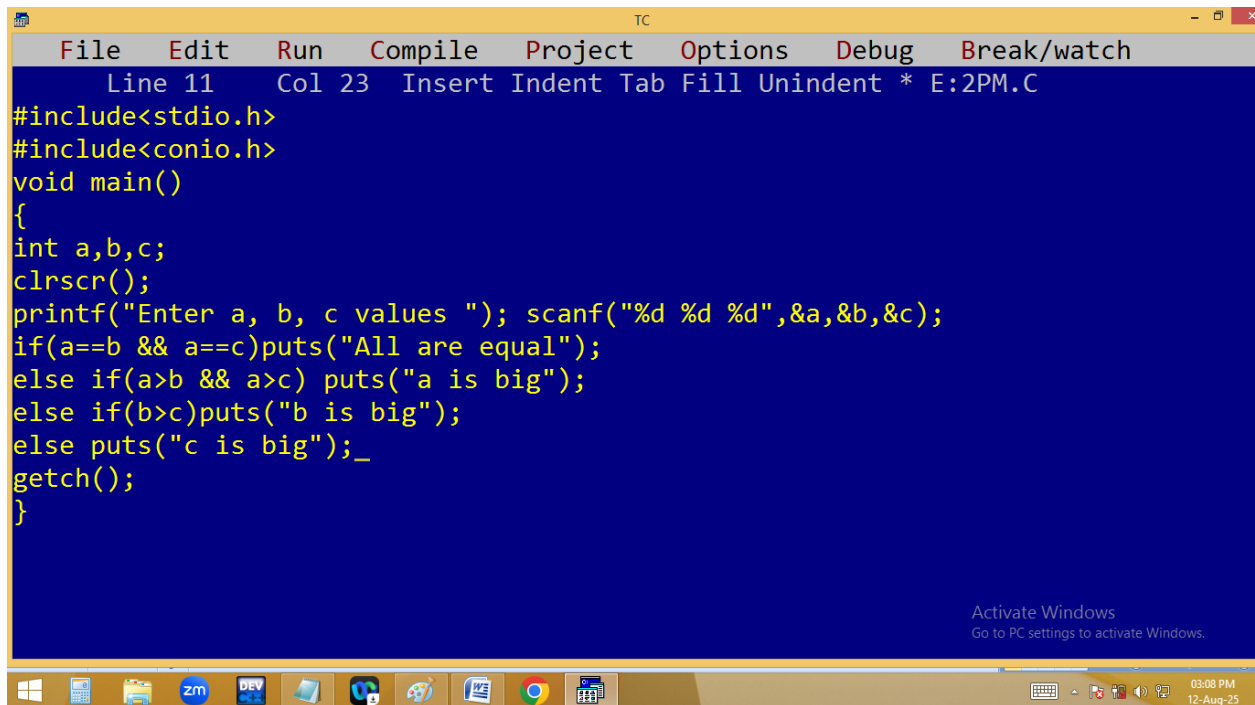


```
Enter a, b values 3 3
Both are equal
```

Activate Windows
Go to PC settings to activate Windows.



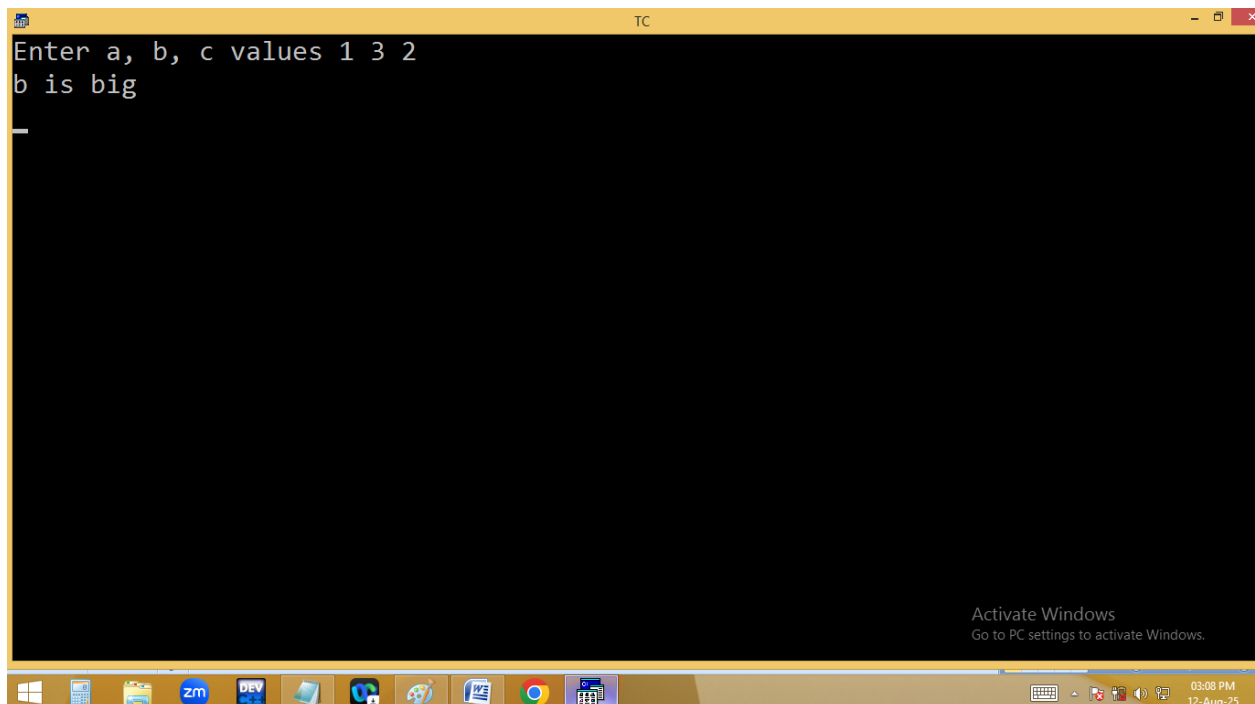
Finding max in 3 no's:



The screenshot shows the Turbo C++ IDE with the following code in E:2PM.C:

```
File Edit Run Compile Project Options Debug Break/watch
Line 11 Col 23 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int a,b,c;
clrscr();
printf("Enter a, b, c values "); scanf("%d %d %d",&a,&b,&c);
if(a==b && a==c)puts("All are equal");
else if(a>b && a>c) puts("a is big");
else if(b>c)puts("b is big");
else puts("c is big");_
getch();
}
```

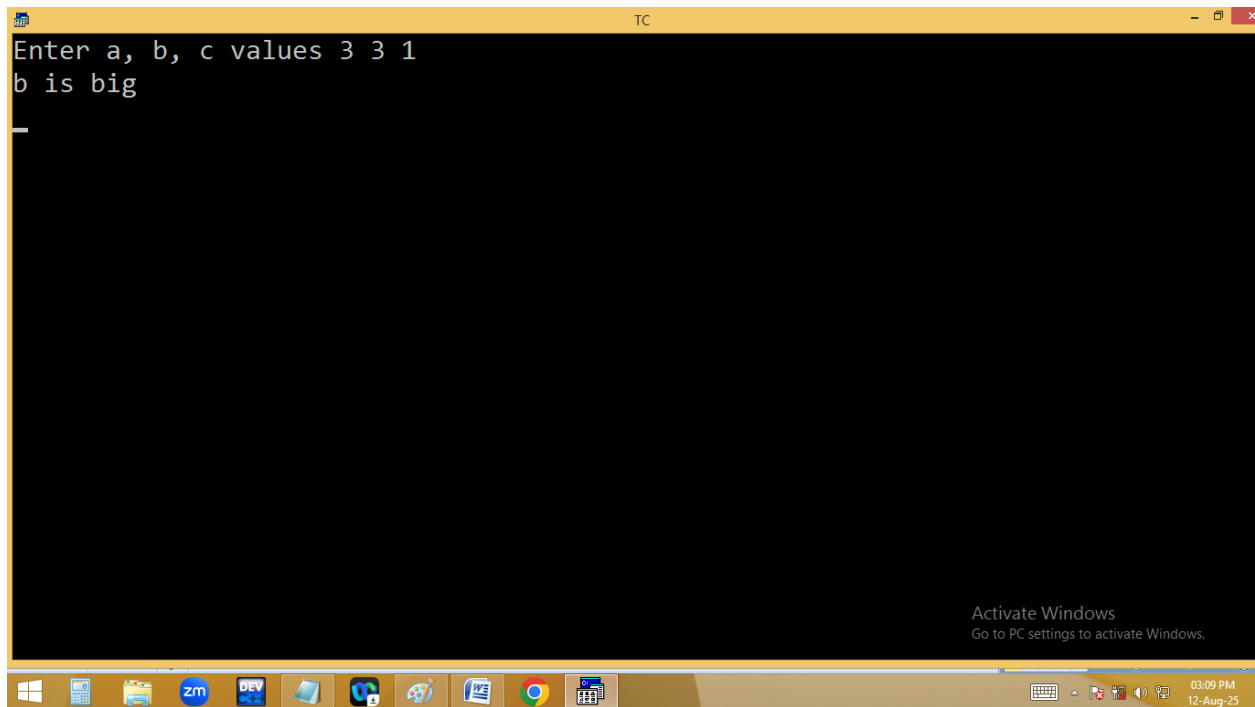
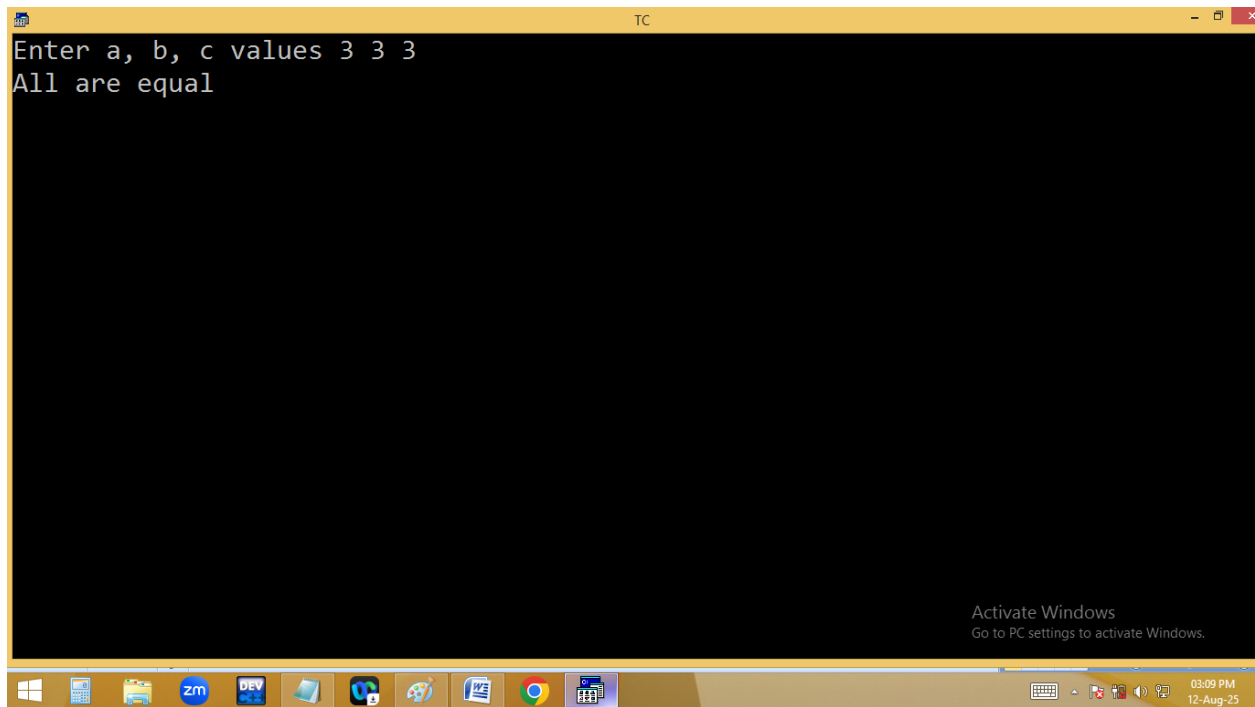
The Windows taskbar at the bottom shows the time as 03:08 PM on 12-Aug-25.

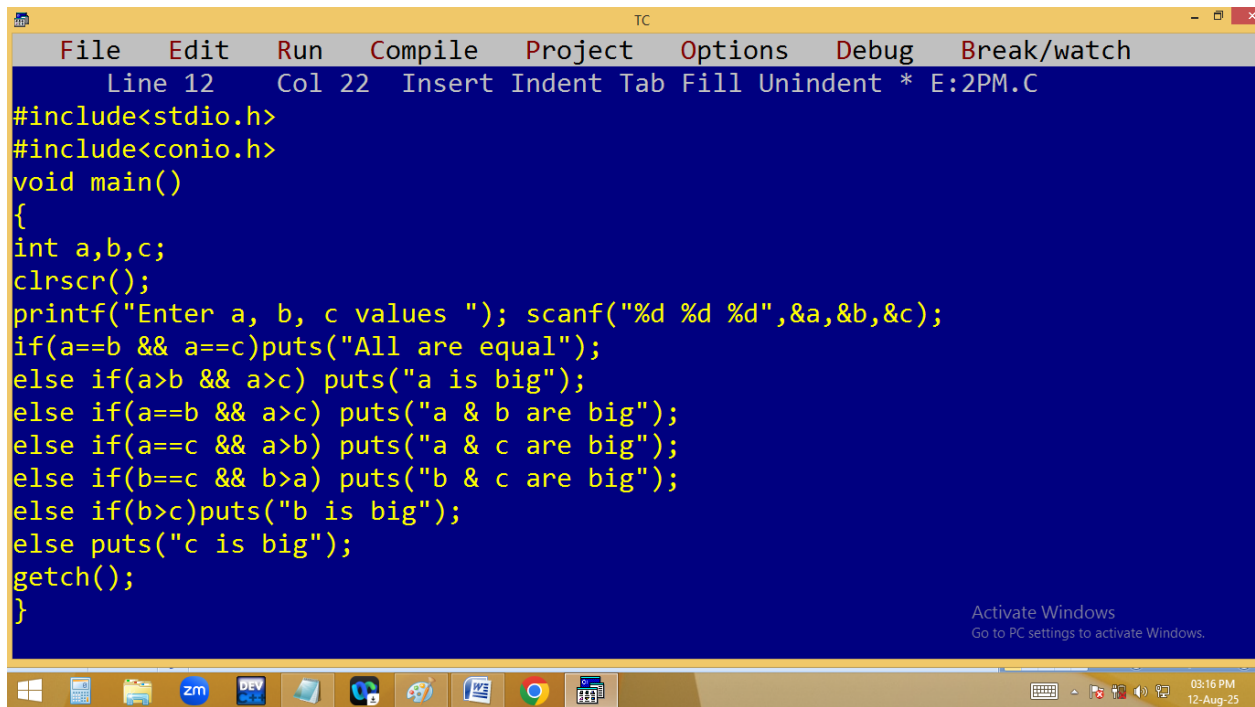


The screenshot shows the Turbo C++ IDE with the following output:

```
Enter a, b, c values 1 3 2
b is big
_
```

The Windows taskbar at the bottom shows the time as 03:08 PM on 12-Aug-25.

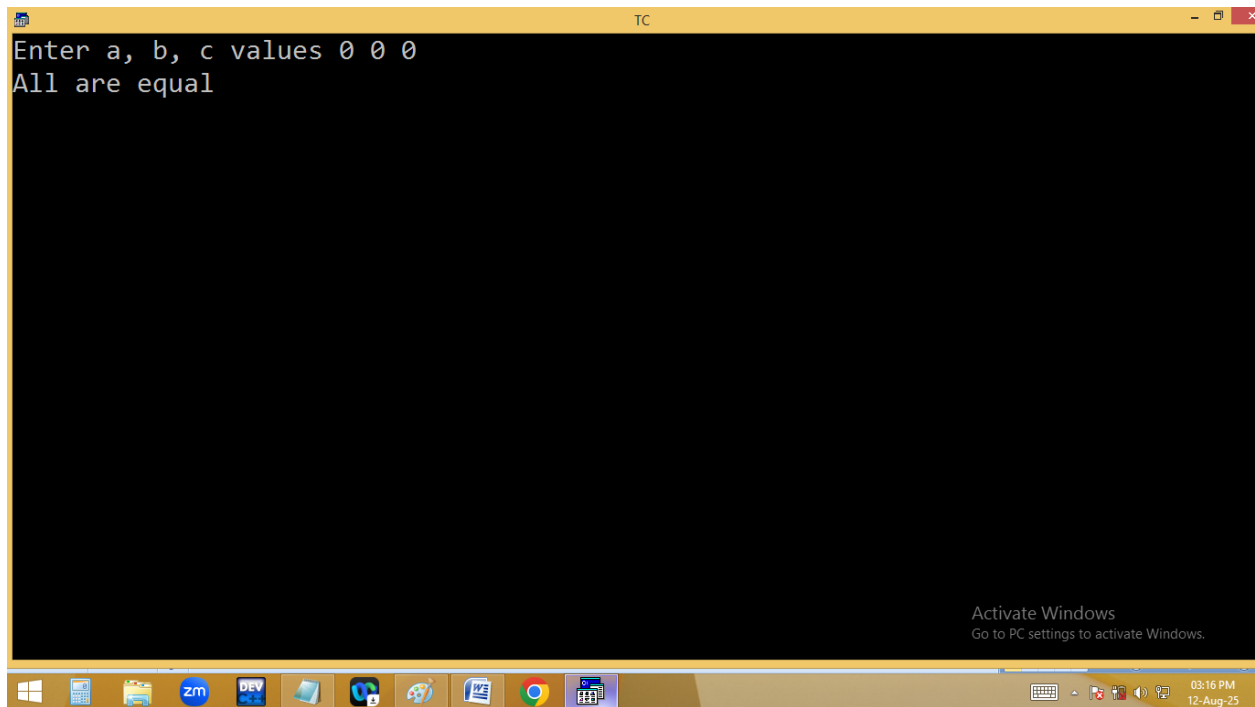




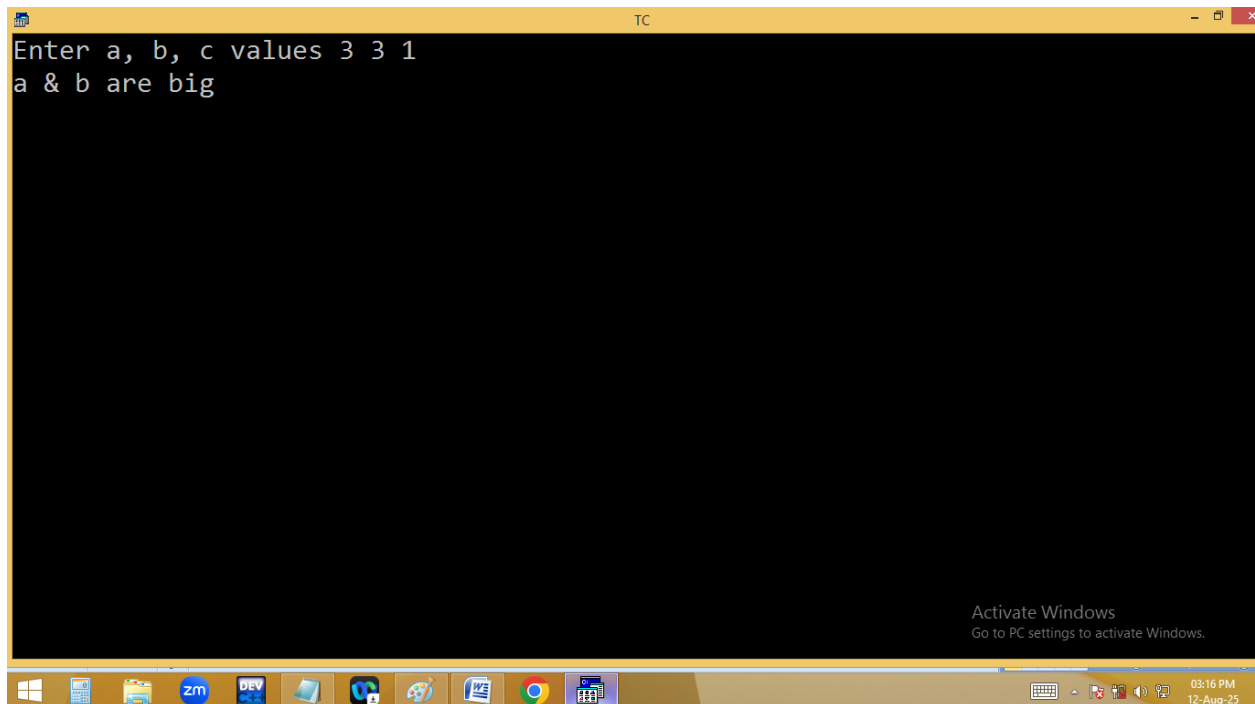
The screenshot shows the Turbo C++ (TC) IDE with a blue background. The menu bar includes File, Edit, Run, Compile, Project, Options, Debug, and Break/watch. The status bar at the top indicates 'Line 12 Col 22 Insert Indent Tab Fill Unindent * E:2PM.C'. The code is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
int a,b,c;
clrscr();
printf("Enter a, b, c values "); scanf("%d %d %d",&a,&b,&c);
if(a==b && a==c)puts("All are equal");
else if(a>b && a>c) puts("a is big");
else if(a==b && a>c) puts("a & b are big");
else if(a==c && a>b) puts("a & c are big");
else if(b==c && b>a) puts("b & c are big");
else if(b>c)puts("b is big");
else puts("c is big");
getch();
}
```

An 'Activate Windows' watermark is visible in the bottom right corner of the IDE window. The Windows taskbar at the bottom shows various application icons and the system clock indicating 03:16 PM on 12-Aug-25.



This screenshot shows the same Turbo C++ IDE after the program has been executed. The output window displays the text 'Enter a, b, c values 0 0 0' followed by 'All are equal' on the next line. The rest of the IDE window is black. The 'Activate Windows' watermark and the Windows taskbar are also present, with the system clock showing 03:16 PM on 12-Aug-25.



```
Enter a, b, c values 3 3 1
a & b are big
```

The screenshot shows a Turbo C++ (TC) window with a black background and white text. The text displays the input values and the output message. The Windows taskbar is visible at the bottom, showing various application icons and the system clock indicating 03:16 PM on 12-Aug-25.

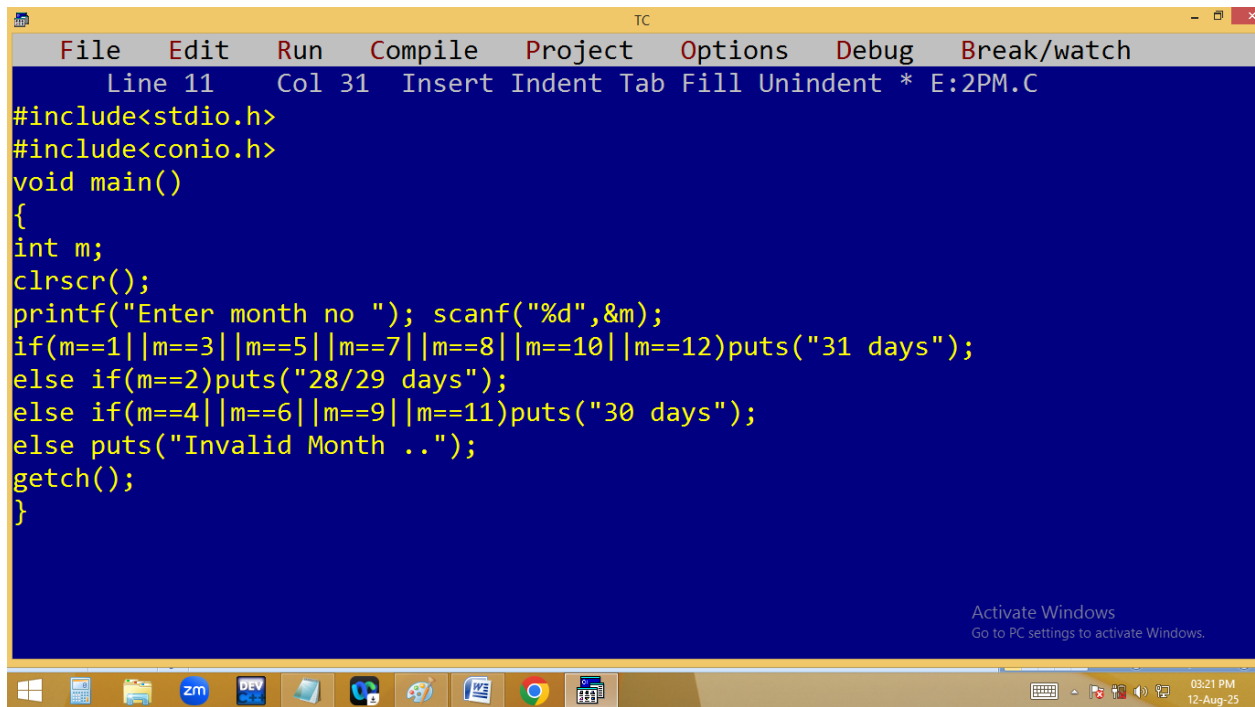
Finding the no of days in given month.

1,3,5,7,8,10,12 – 31 days

2 – 28/29 days

4,6,9,11 – 30 days

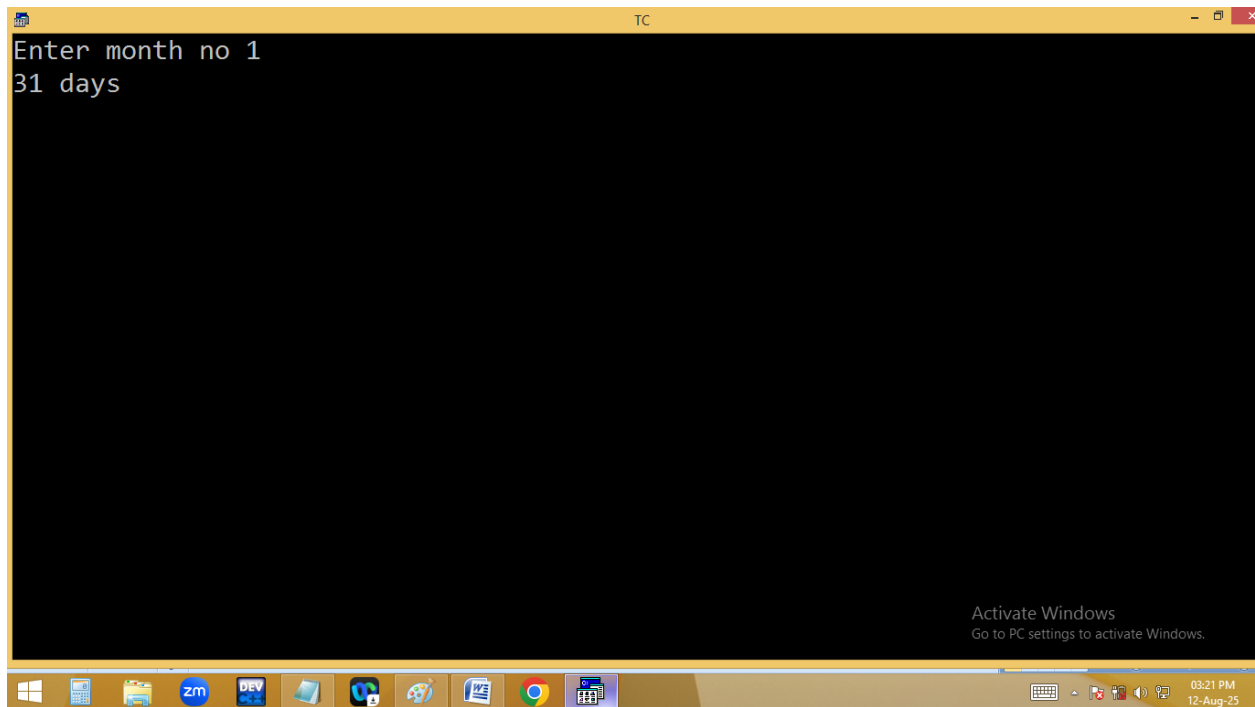
Others – invalid month



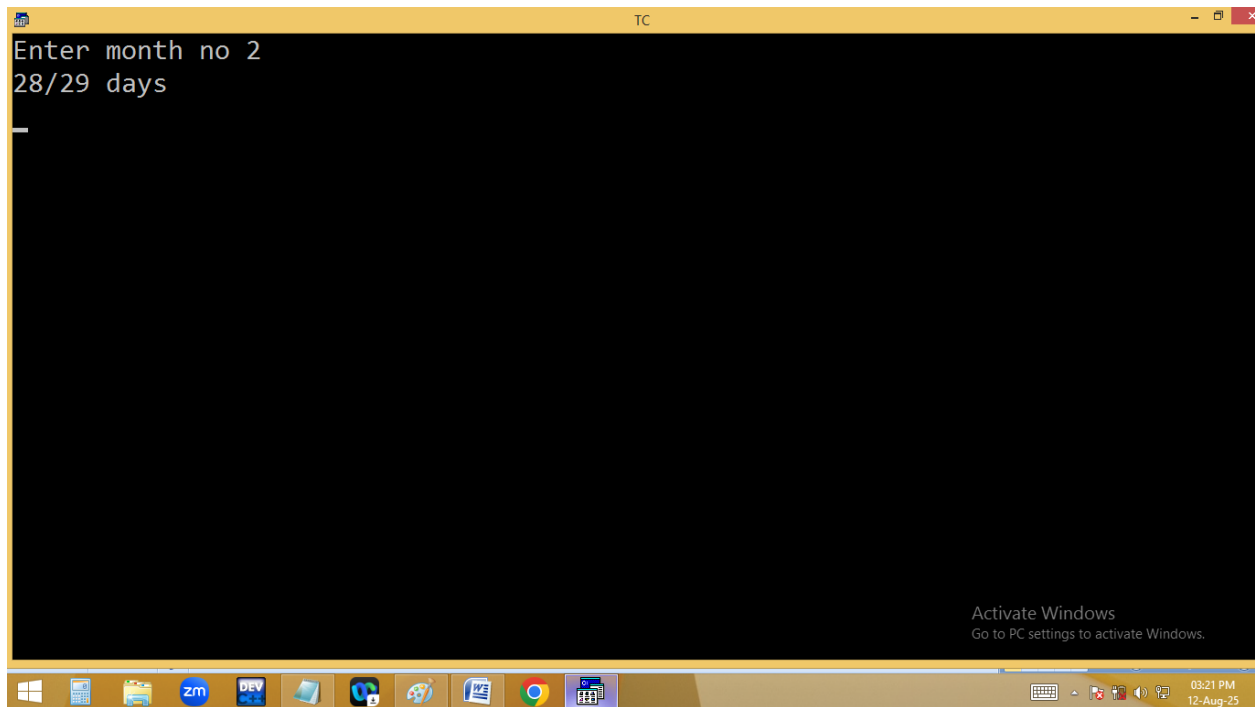
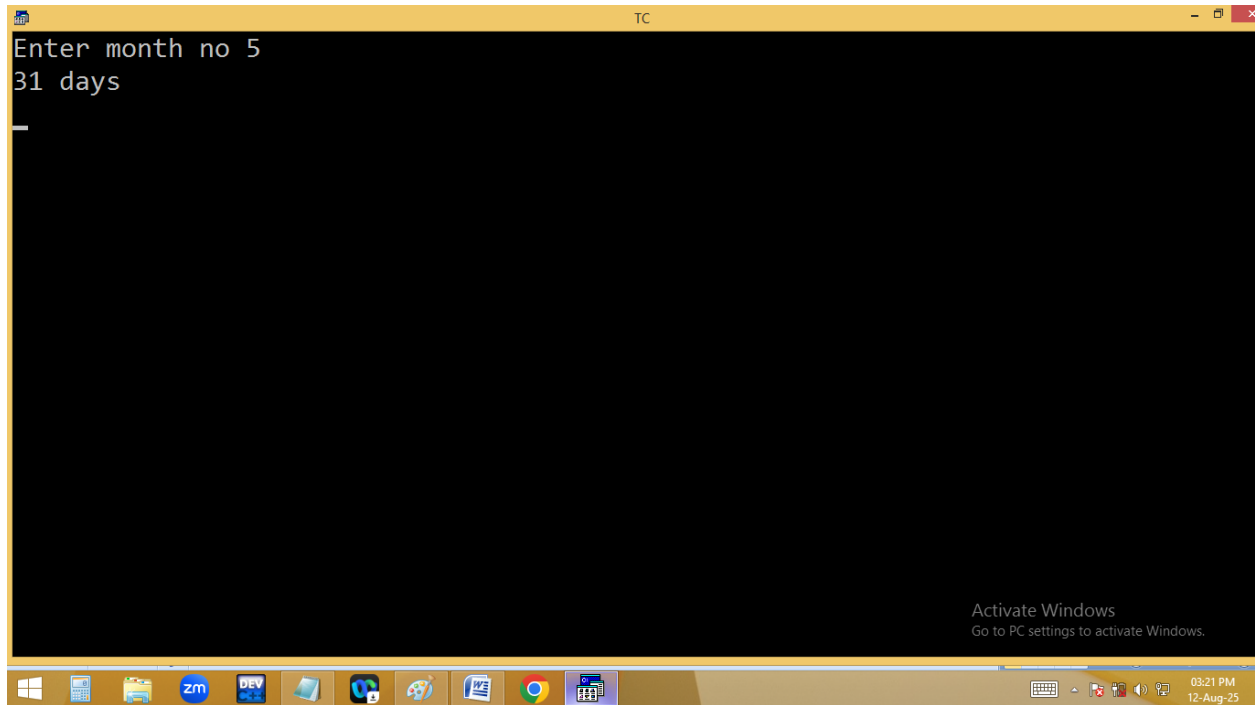
The screenshot shows the Turbo C++ (TC) IDE with a blue background. The menu bar includes File, Edit, Run, Compile, Project, Options, Debug, and Break/watch. The status bar at the top indicates 'Line 11 Col 31 Insert Indent Tab Fill Unindent * E:2PM.C'. The code is as follows:

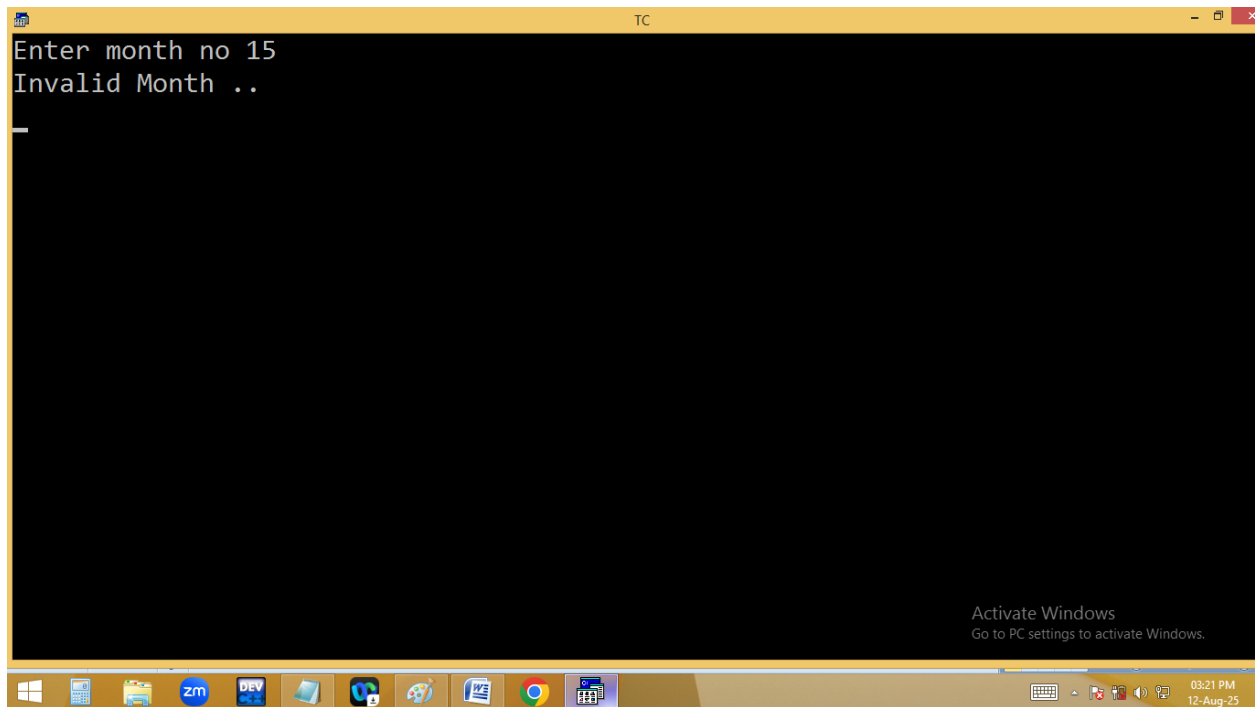
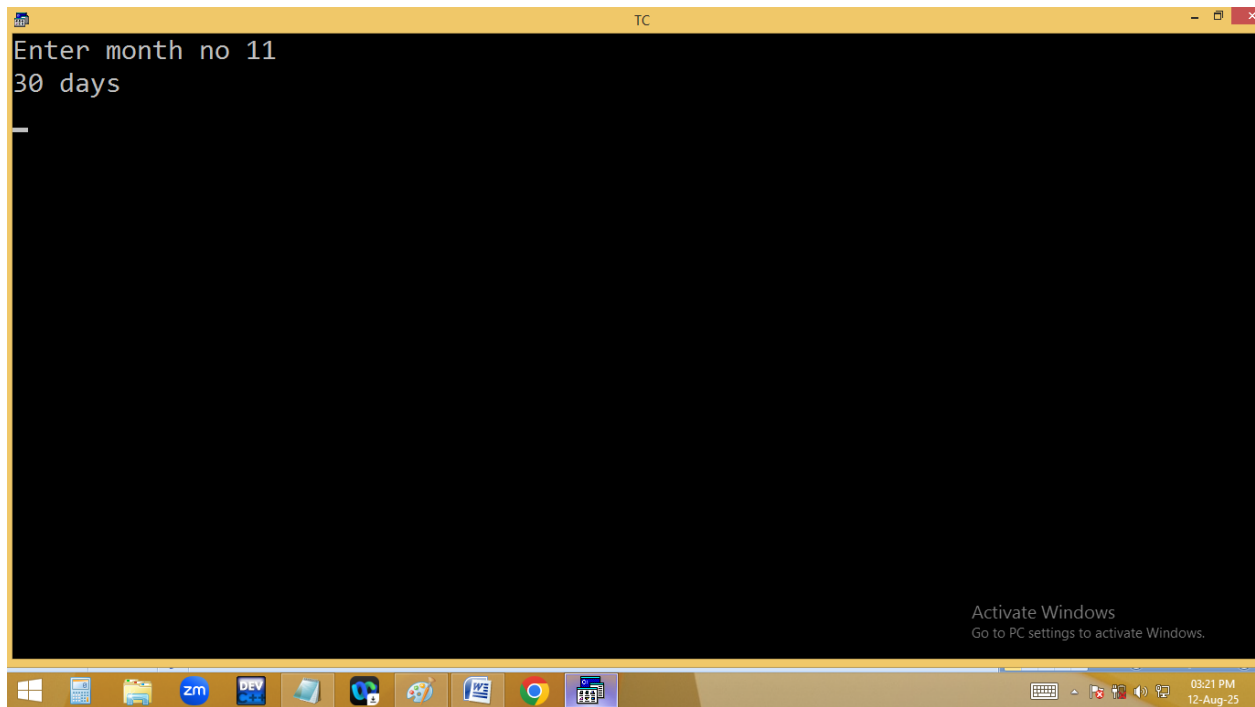
```
#include<stdio.h>
#include<conio.h>
void main()
{
int m;
clrscr();
printf("Enter month no "); scanf("%d",&m);
if(m==1|m==3|m==5|m==7|m==8|m==10|m==12)puts("31 days");
else if(m==2)puts("28/29 days");
else if(m==4|m==6|m==9|m==11)puts("30 days");
else puts("Invalid Month ..");
getch();
}
```

An 'Activate Windows' watermark is visible in the bottom right corner of the IDE window. The Windows taskbar at the bottom shows various application icons and the system clock indicating 03:21 PM on 12-Aug-25.



This screenshot shows the same Turbo C++ IDE after the program has been executed. The output window displays the text 'Enter month no 1' followed by '31 days' on the next line. The rest of the IDE interface, including the menu bar, status bar, and Windows taskbar, remains the same as in the first image.





Generating electricity bill:

SLAB SYSTEM

NO OF UNITS	UNIT PRICE
1-50	1.45
51-100	2.80
101-200	3.05
201-300	4.75
301-500	6.00
>500	6.25

$$30 * 1.45 = 43.5$$

$$80 \rightarrow 50 * 1.45 + 30 * 2.8 = 156.5$$

$$180 \rightarrow 50 * 1.45 + 50 * 2.8 + 80 * 3.05 = 456.5$$

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

637 →

$$50*1.45+50*2.8+100*3.05+100*4.75+200*6+137*6.25=3048.75$$

Read a stu id, name, 6 sub marks. Find tot, avg and grade based on below avg.

Avg	Grade
>=80	Distinction
>=60	1st
>=50	2nd
>=35	3rd class
<35	Fail

Read a character and find out it is lower / upper / digit / space / special char.

**Read a person age and gender and
determine that person is eligible for
marriage or not?**

