File Edit Search View Project Execute Tools AStyle Window Help

(globals)

inc.cpp

```c
#include<stdio.h>
main()
{
    int a=2,b;
    b = a++ + a++ + a++;
    printf("a=%d, b=%d\n",a,b);
    a=2;
    b = ++a + ++a + ++a;
    printf("a=%d, b=%d",a,b);
}
```

Compiler | Resources | Compile Log | Debug | Find Results

Line: 3   Col: 2   Sel: 0   Lines: 10   Length: 157   Insert   Done parsing in 0.047 seconds

C:\Users\kishore sir\Documents\inc.exe

```
a=5, b=9
a=5, b=13
----------------------------------
Process exited after 1.539 seconds with return value 0
Press any key to continue . . .
```

a=2

b = a++ + a++ + a++;

2 + 3 + 4 = 9

a=2 3 4 5

b= ++a + ++a + ++a;

4 + 4

8 + 5 = 13

```c
#include<stdio.h>
#include<conio.h>
void main()
{
int a=2;
clrscr();
a = a++ + ++a;
printf("a=%d\n",a);
a=2;
printf("a=%d\n",a++ + ++a);
a=2;
printf("a=%d, a=%d\n",a++ + ++a, ++a + a++);
printf("a=%d",a);
getch();
}
```

```
a=6
a=10, a=6
a=6
```

a=2

a = a++ + ++a;
priority: ++a, +, =, a++
1. ++a ==> a=3
2. a = a + a ==> 3 + 3
3. a = 6
4. a++ ==> a=7

a=2

p("a=%d", a++ + ++a);

$$\frac{2 + 4}{6}$$

3 ↗ 4 ↘

a=2 3 4 5 6 ✓

p("a=%d, a=%d", a++ + ++a , ++a + a++);

$$\frac{4 + 6}{10}$$

$$\frac{3+3}{6}$$

```c
#include<stdio.h>
#include<conio.h>
void main()
{
int a=2,b;
clrscr();
b = a++ == printf("Hi\n");
printf("a=%d, b=%d\n",a,b);
b && printf("Thank you");
getch();
}
```
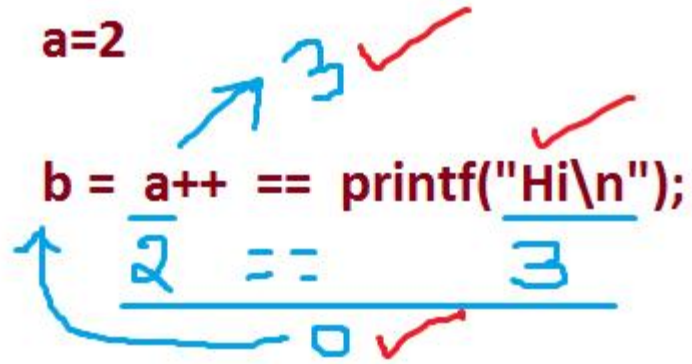
```
Hi
a=3, b=0
```

```
a=2
                3 ✓
b = a++  ==  printf("Hi\n");
    2    ==         3
           0 ✓

p( a, b );

b &&  printf("Thank you");
0
```
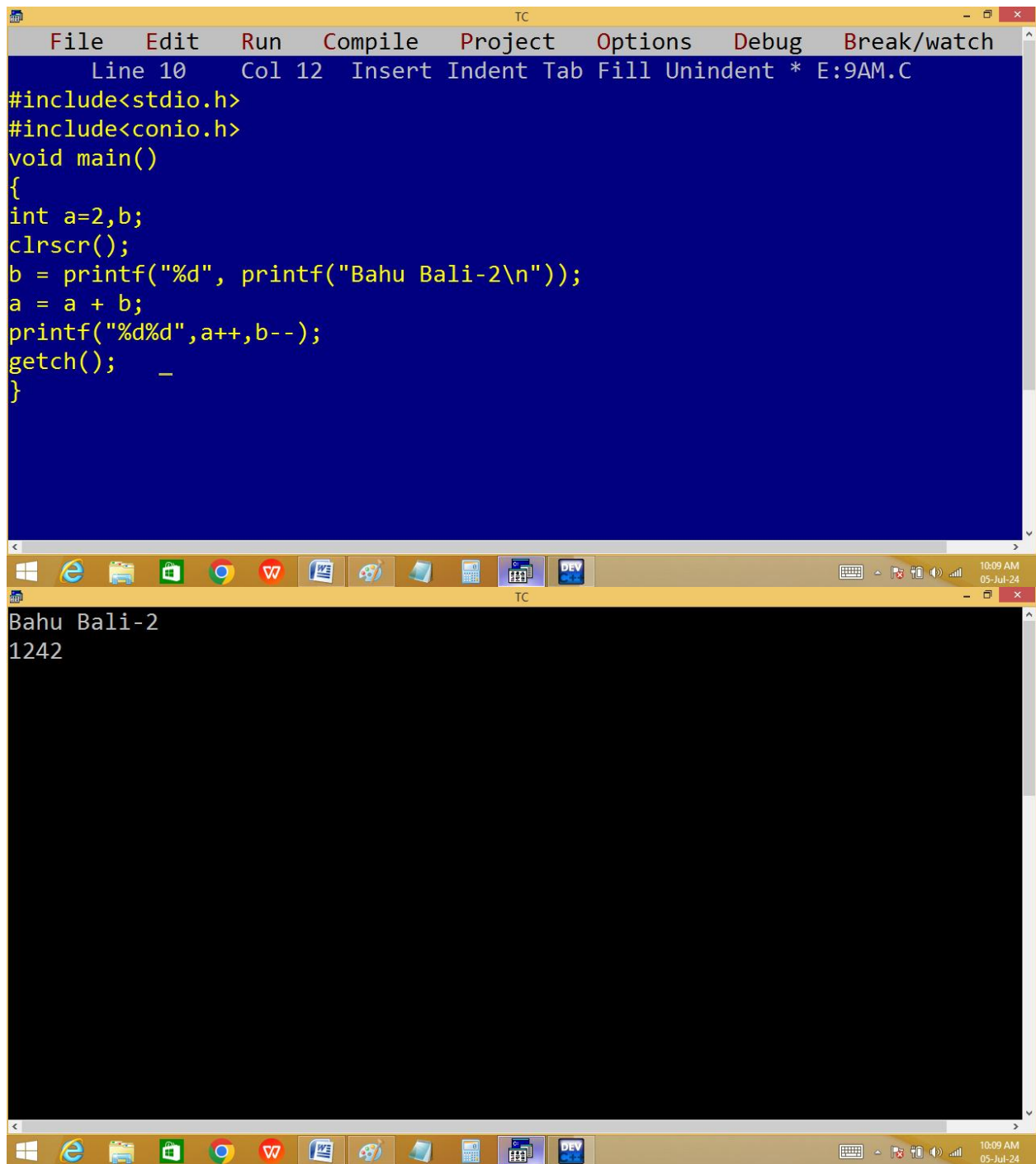
File   Edit   Run   Compile   Project   Options   Debug   Break/watch

Line 10   Col 12   Insert Indent Tab Fill Unindent * E:9AM.C

```c
#include<stdio.h>
#include<conio.h>
void main()
{
int a=2,b;
clrscr();
b = printf("%d", printf("Bahu Bali-2\n"));
a = a + b;
printf("%d%d",a++,b--);
getch();    _
}
```

```
Bahu Bali-2
1242
```

a=2

b = p("%d", p("Bahu Bali-2\n"));
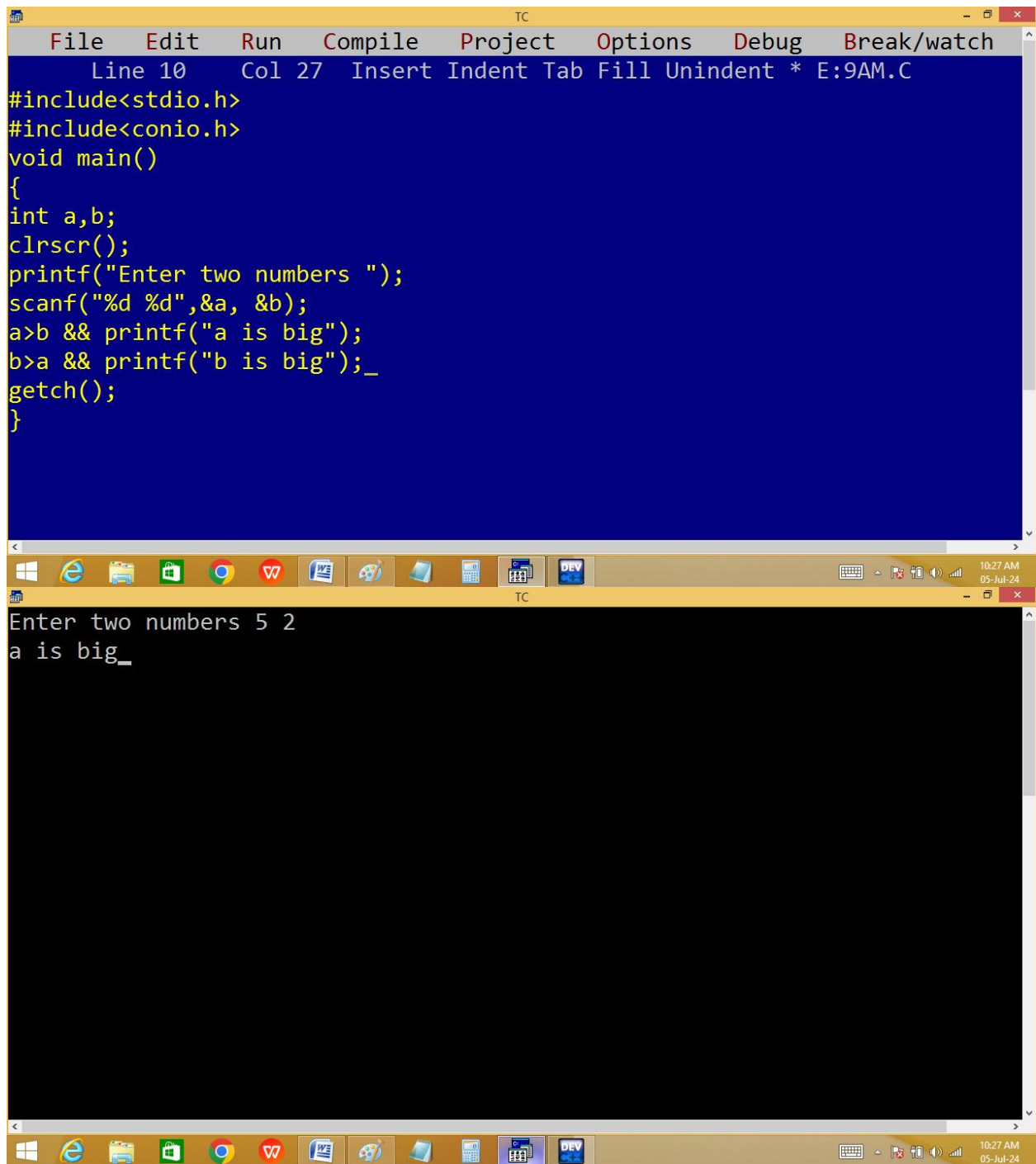
a = a + b; 2 + 2 = 4 ==> a=4
p(a++, b--);

Bahu Bali-2

1242

Write a c program to find the max in 2 no's without using if..else or ternary operator.

```c
#include<stdio.h>
#include<conio.h>
void main()
{
int a,b;
clrscr();
printf("Enter two numbers ");
scanf("%d %d",&a, &b);
a>b && printf("a is big");
b>a && printf("b is big");_
getch();
}
```

TC

```
Enter two numbers 5 2
a is big_
```

```
Enter two numbers 3 9
b is big
```

```
Enter two numbers 4 4
```

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

```
Enter two numbers 4 4
Both are equal
```

```
Enter two numbers 7 2
a is big
```

```
Enter two numbers 4 12
b is big
```

```c
#include<stdio.h>
#include<conio.h>
void main()
{
int a,b;
clrscr();
printf("Enter two numbers ");
scanf("%d %d",&a, &b);
a>b && printf("a is big") || printf("b is big");
getch();
}
```

```
Enter two numbers 2 4
b is big
```
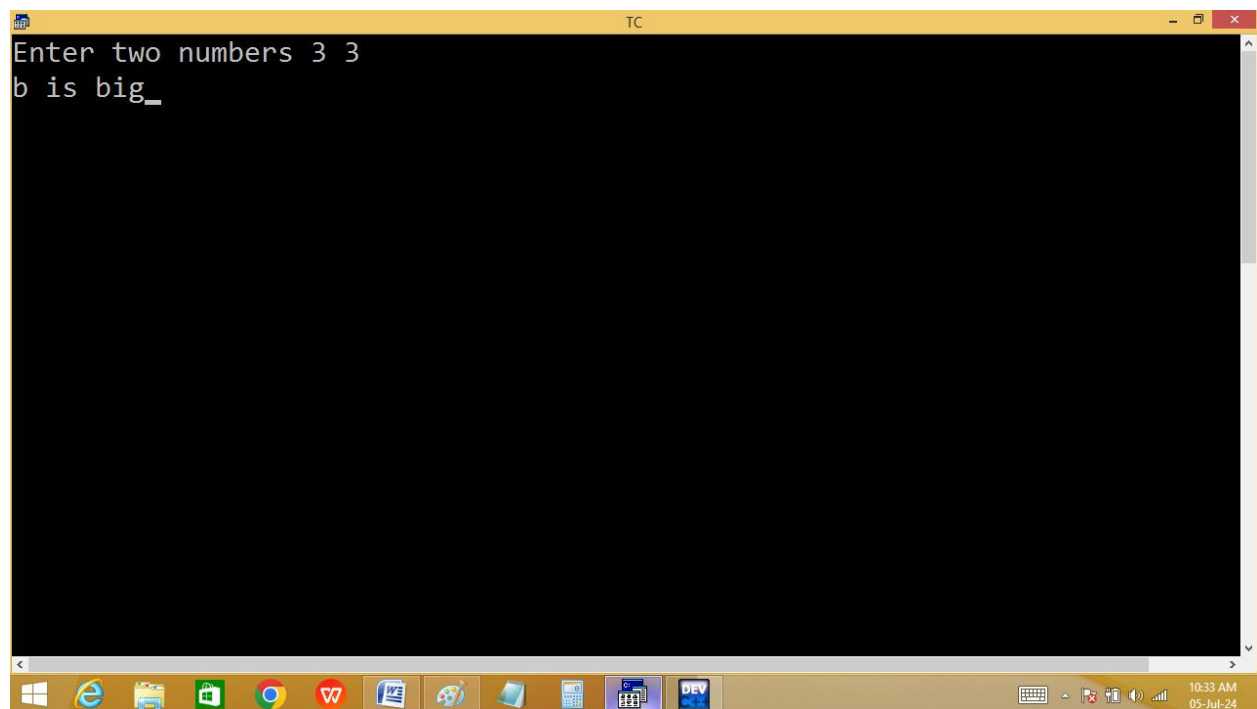
```
Enter two numbers 5 1
a is big
```
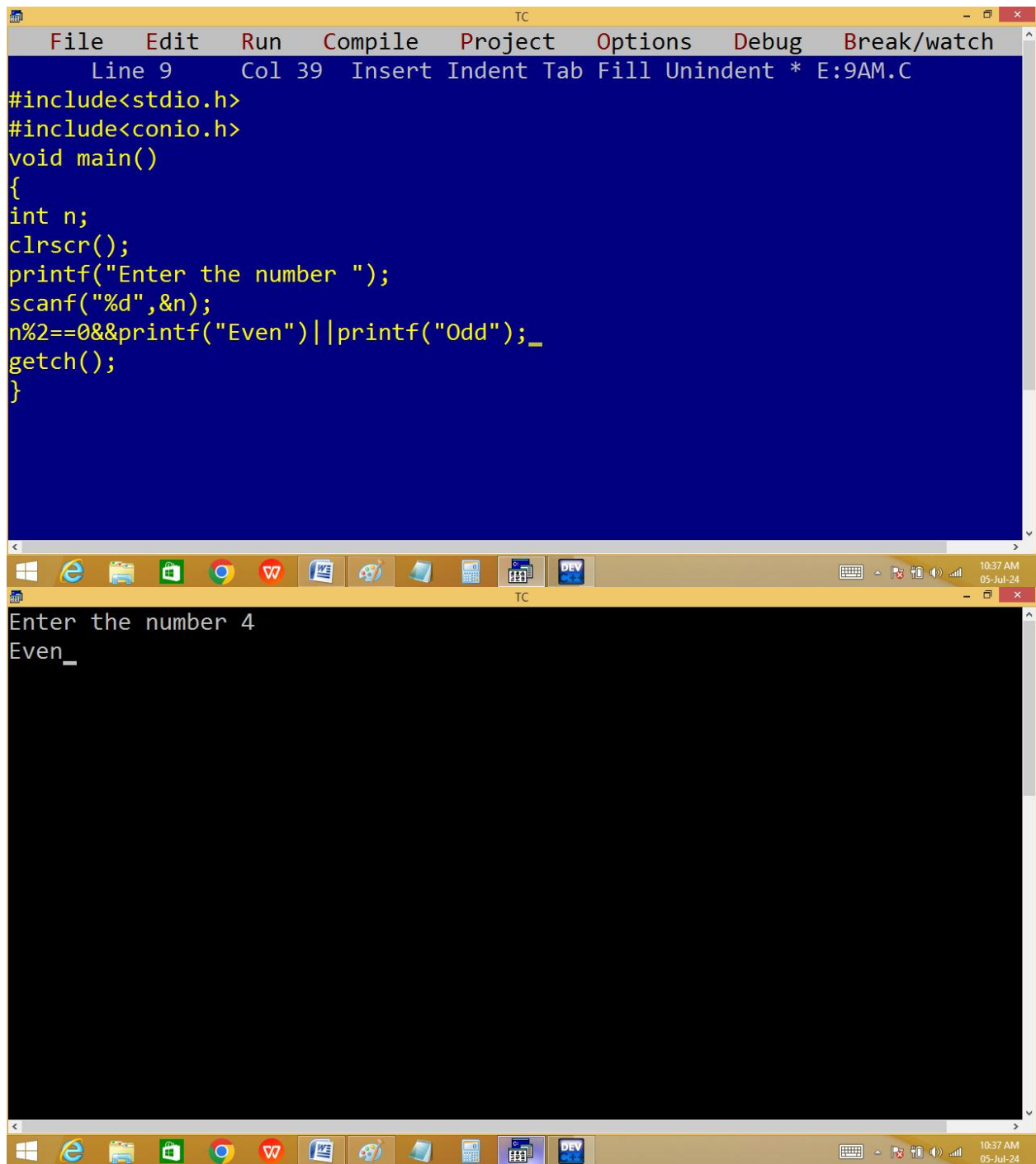
```
Enter two numbers 3 3
b is big
```
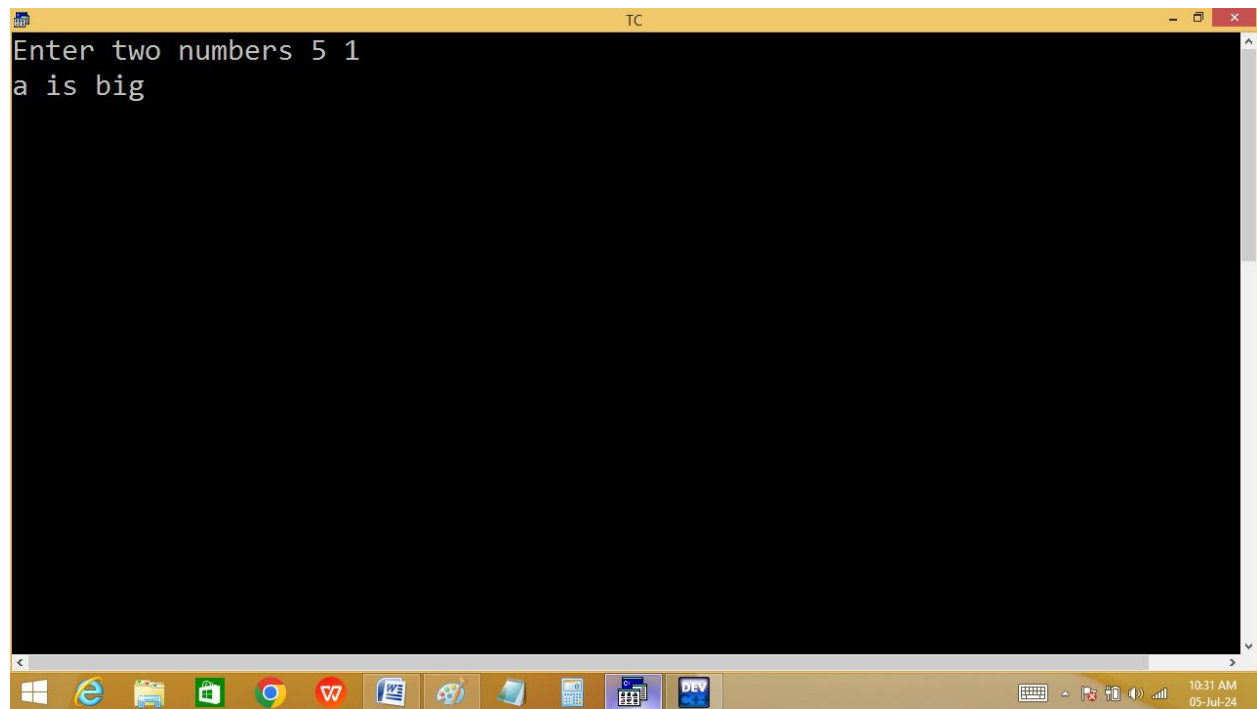
```
File    Edit    Run    Compile    Project    Options    Debug    Break/watch
      Line 9      Col 1    Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int a,b;
clrscr();
printf("Enter two numbers ");
scanf("%d %d",&a, &b);
a>b&&printf("a is big")||b>a&&printf("b is big")||printf("Both are equal");
getch();
}
```

```
Enter two numbers 3 3
Both are equal
```
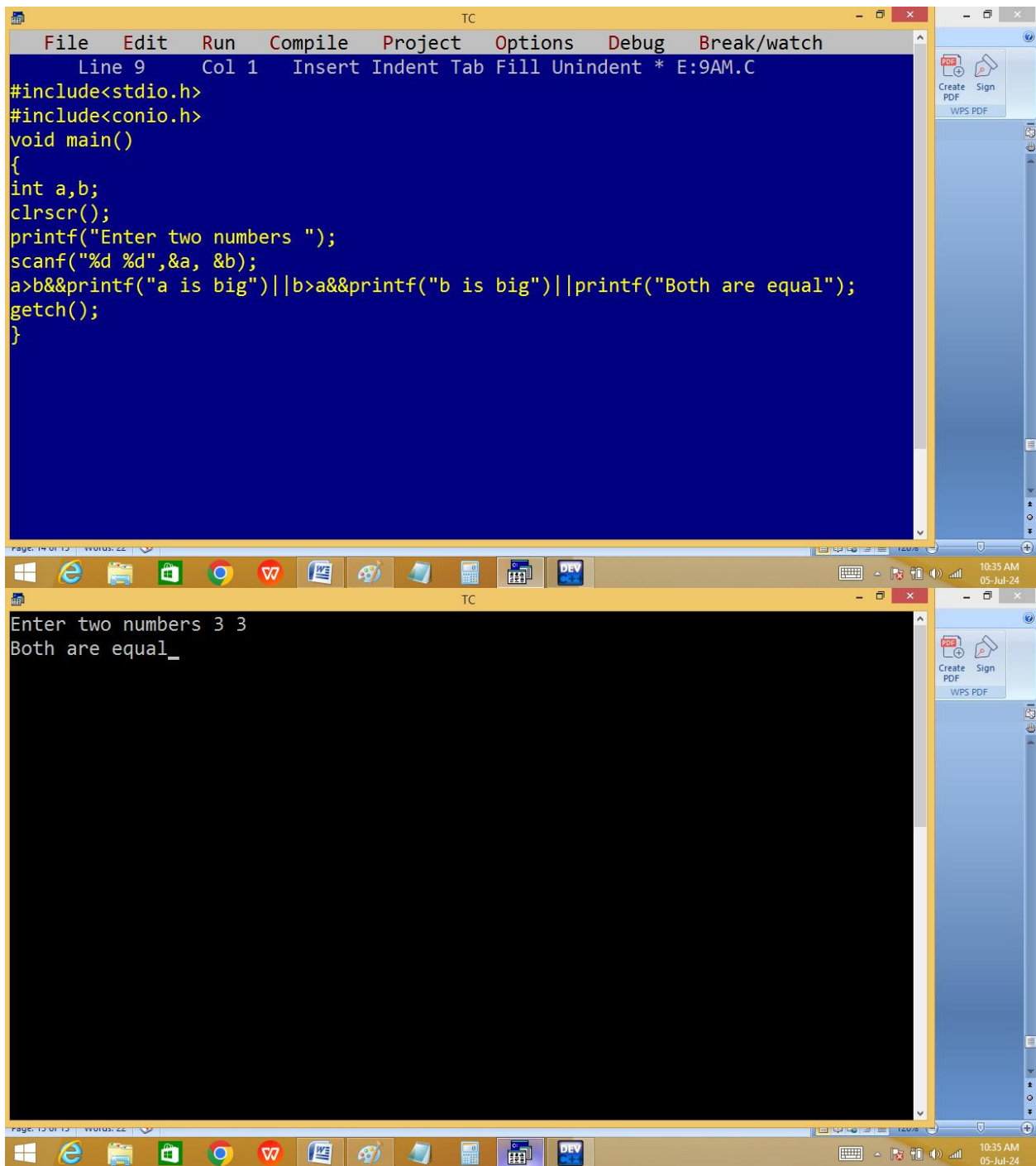
Finding even/odd without using if..else/ternary op:
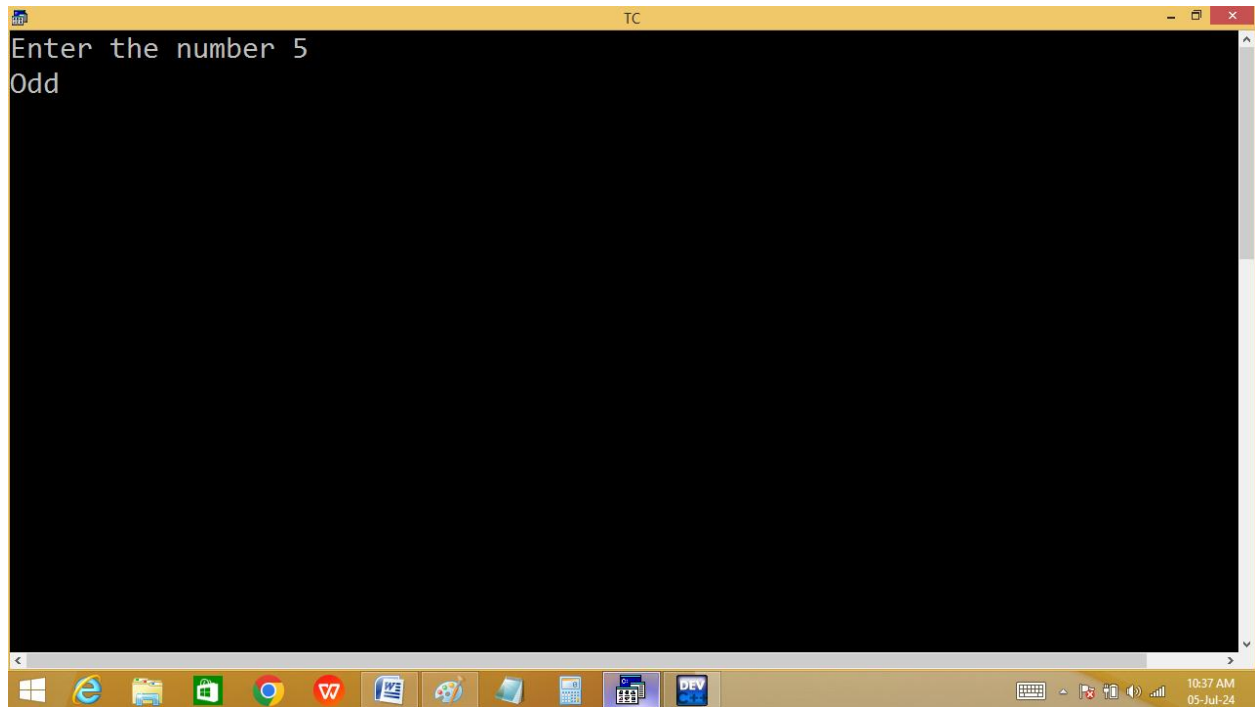
File   Edit   Run   Compile   Project   Options   Debug   Break/watch

Line 9   Col 39   Insert Indent Tab Fill Unindent * E:9AM.C

```c
#include<stdio.h>
#include<conio.h>
void main()
{
int n;
clrscr();
printf("Enter the number ");
scanf("%d",&n);
n%2==0&&printf("Even")||printf("Odd");
getch();
}
```
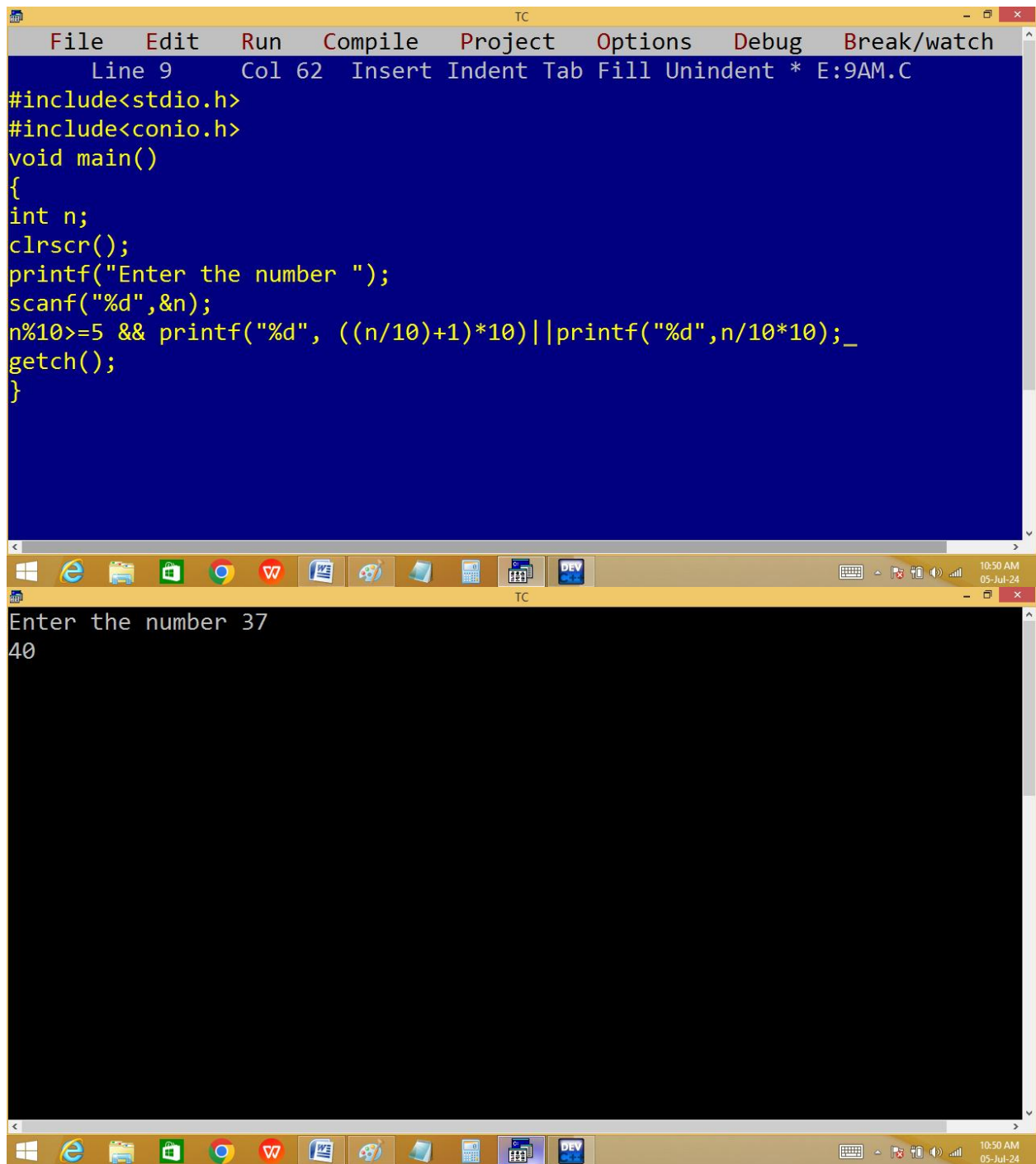

Enter the number 4
Even

```
Enter the number 5
Odd
```

Finding next / previous multiple of given no without using if..else or ternary op.

34%10=4

4>=5 || printf("%d", 34/10*10) && printf("%d",(34/10)+1 * 10);

```c
#include<stdio.h>
#include<conio.h>
void main()
{
int n;
clrscr();
printf("Enter the number ");
scanf("%d",&n);
n%10>=5 && printf("%d", ((n/10)+1)*10)||printf("%d",n/10*10);_
getch();
}
```

```
Enter the number 37
40
```

```
Enter the number 34
30
```

```
Enter the number 35
40
```