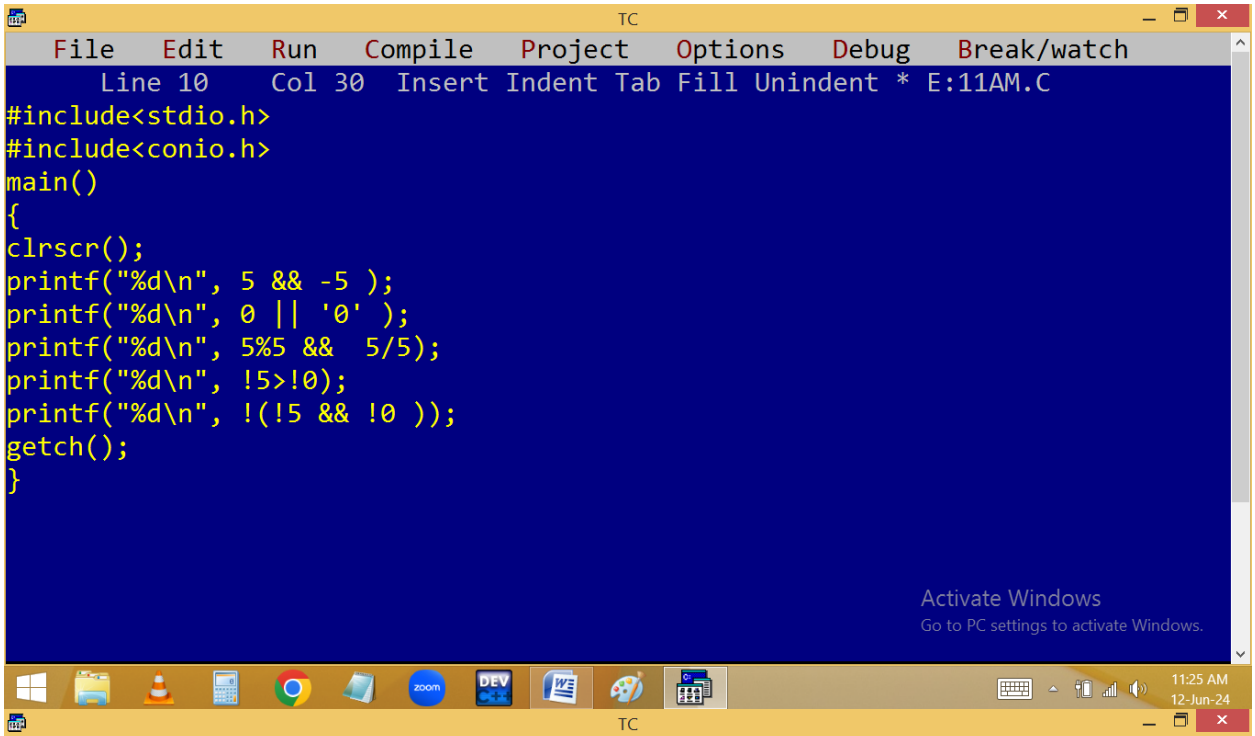
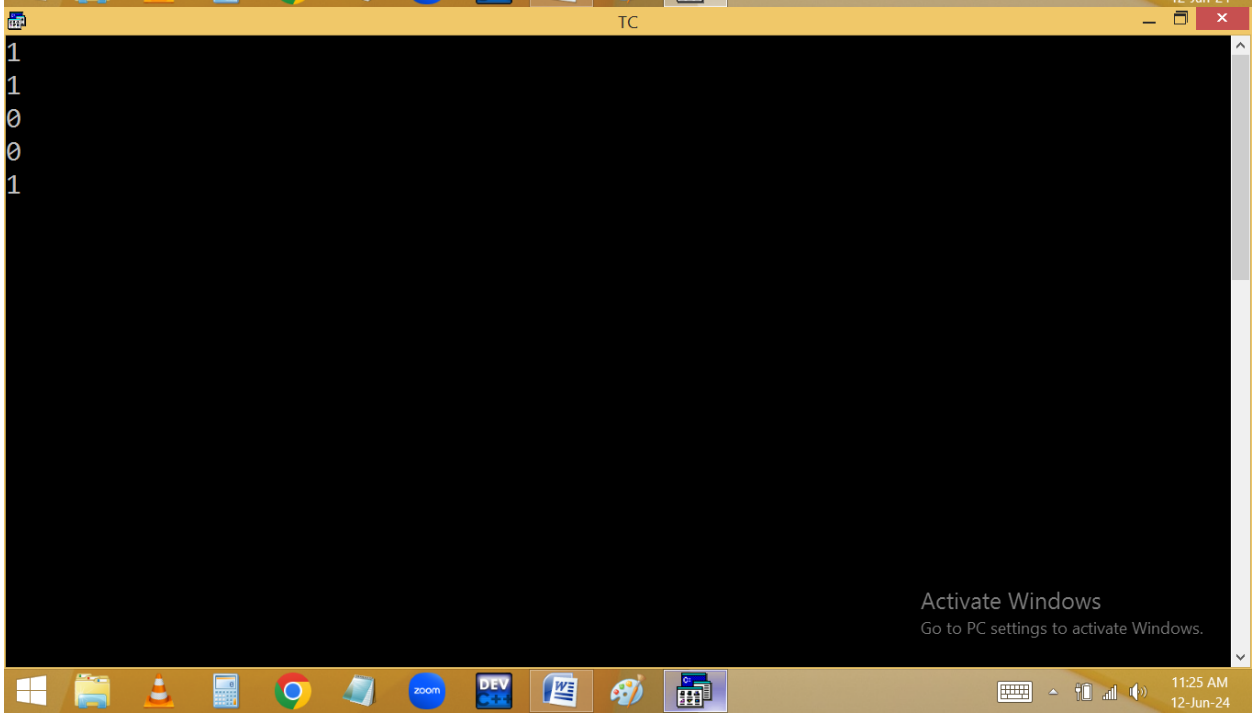
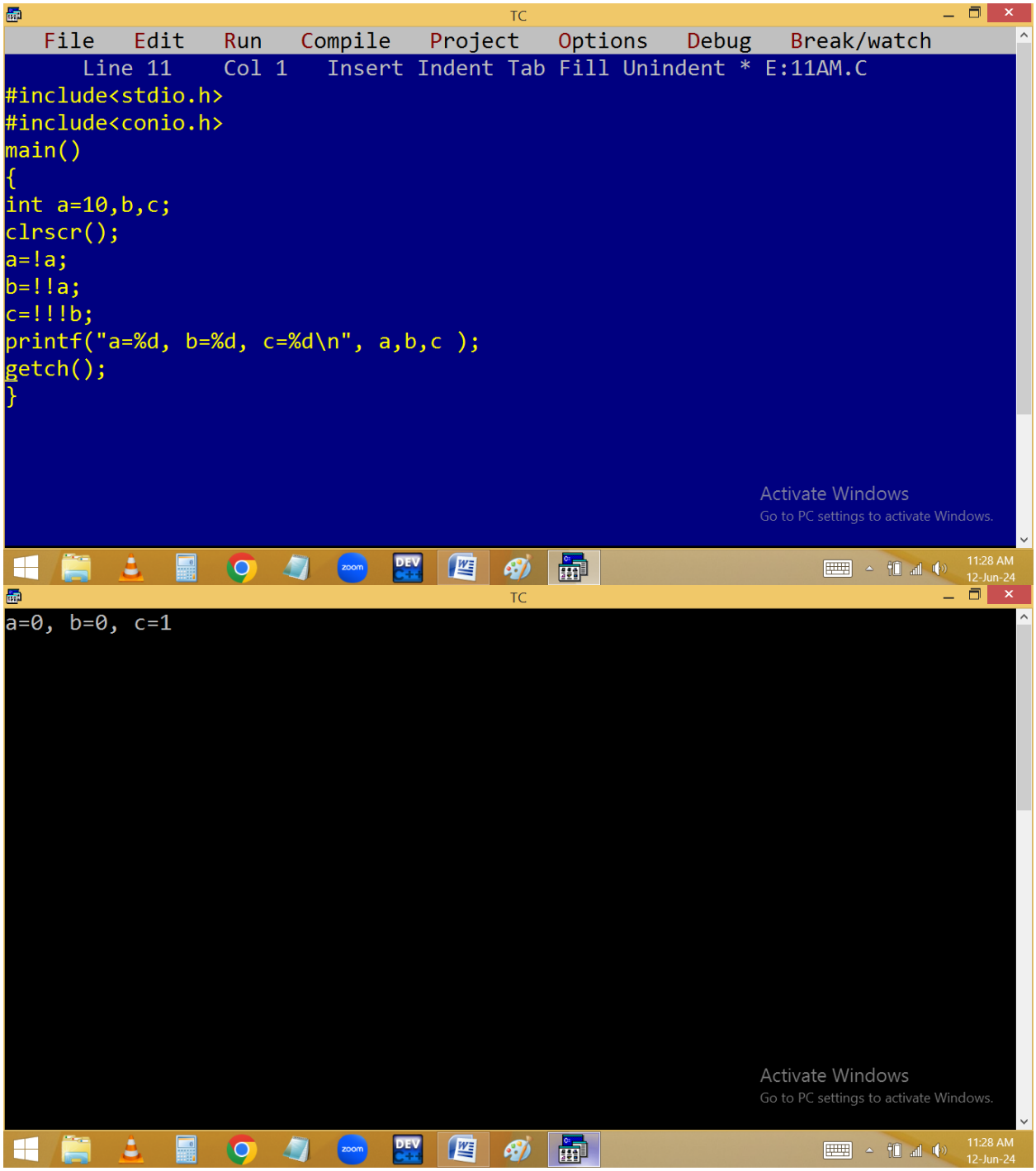
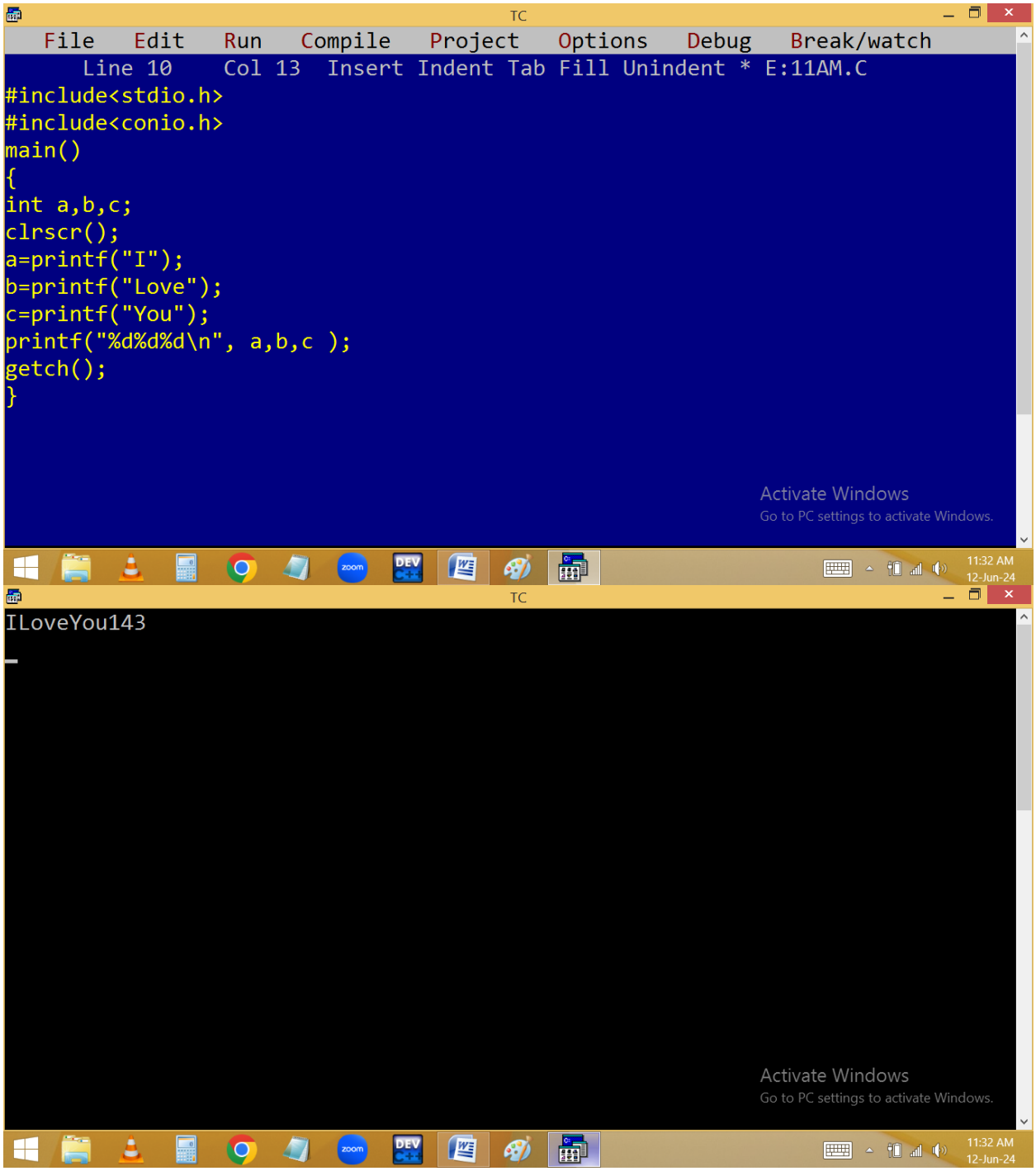
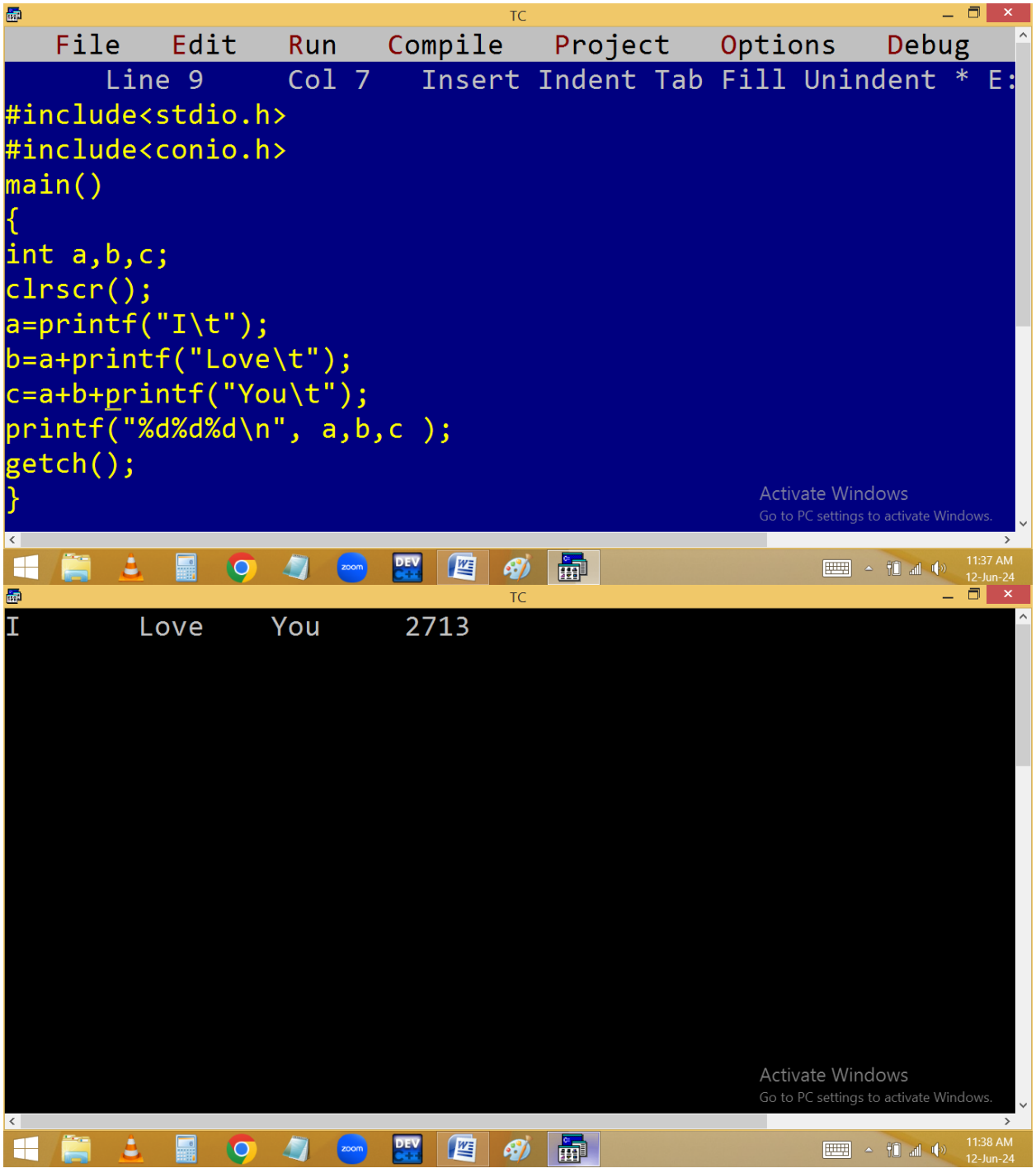
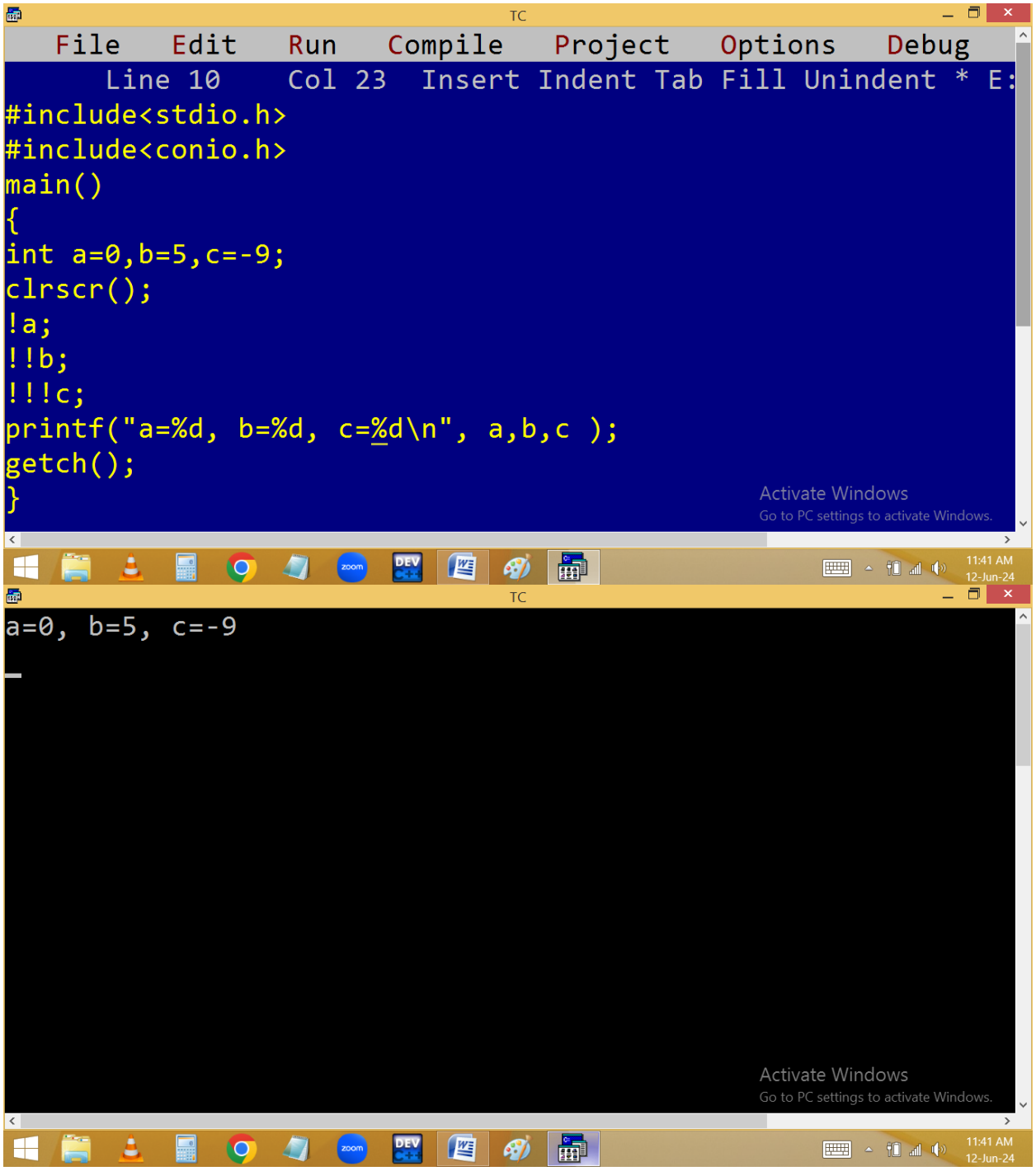

TC
File Edit Run Compile Project Options Debug Break/watch
Line 10 Col 30 Insert Indent Tab Fill Unindent * E:11AM.C
#include<stdio.h>
#include<conio.h>
main()
{
clrscr();
printf("%d\n", 5 && -5);
printf("%d\n", 0 || '0');
printf("%d\n", 5%5 && 5/5);
printf("%d\n", !5>!0);
printf("%d\n", !(!5 && !0));
getch();
}
Activate Windows
Go to PC settings to activate Windows.
11:25 AM
12-Jun-24

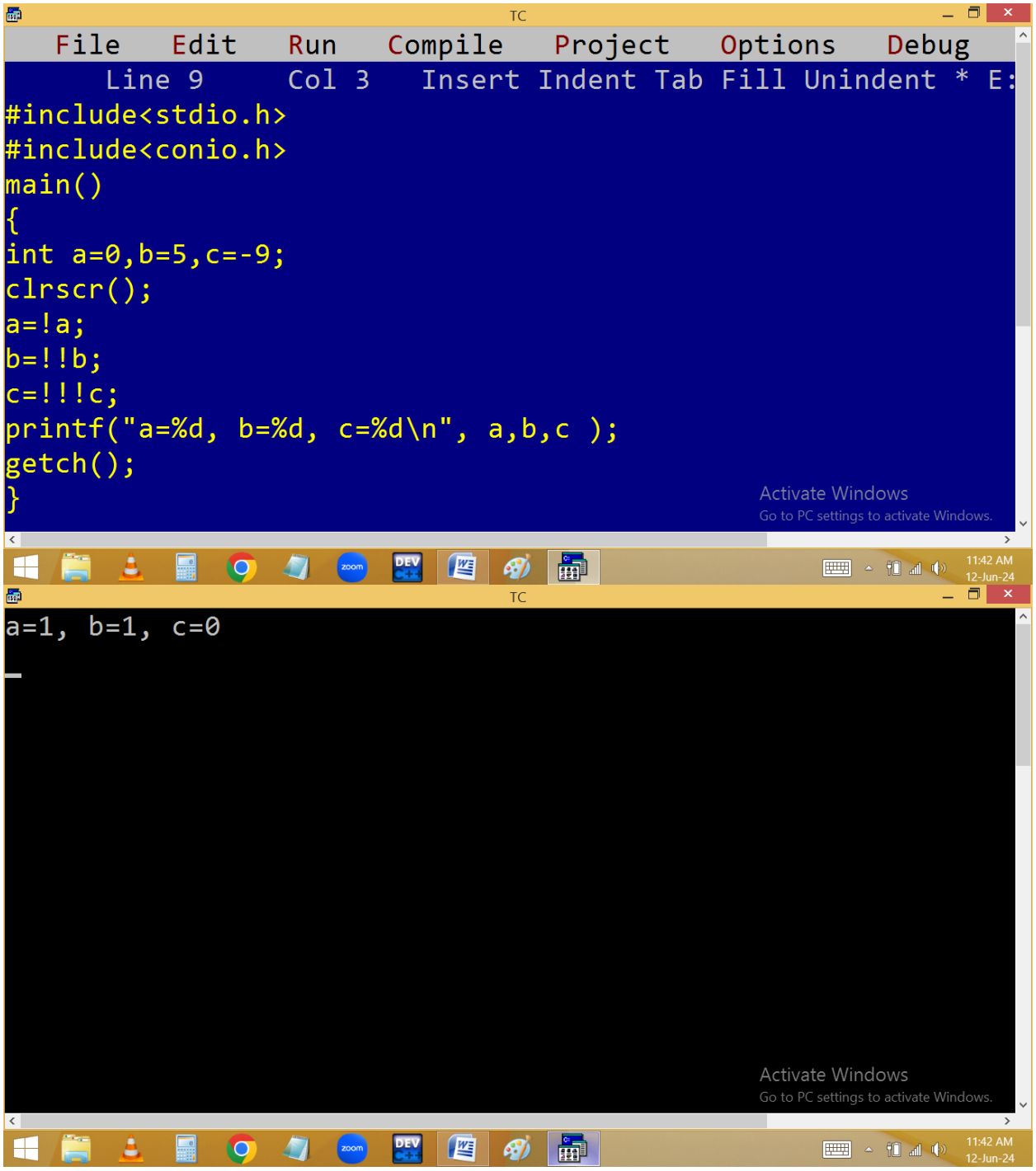

TC
1
1
0
0
1
Activate Windows
Go to PC settings to activate Windows.
11:25 AM
12-Jun-24

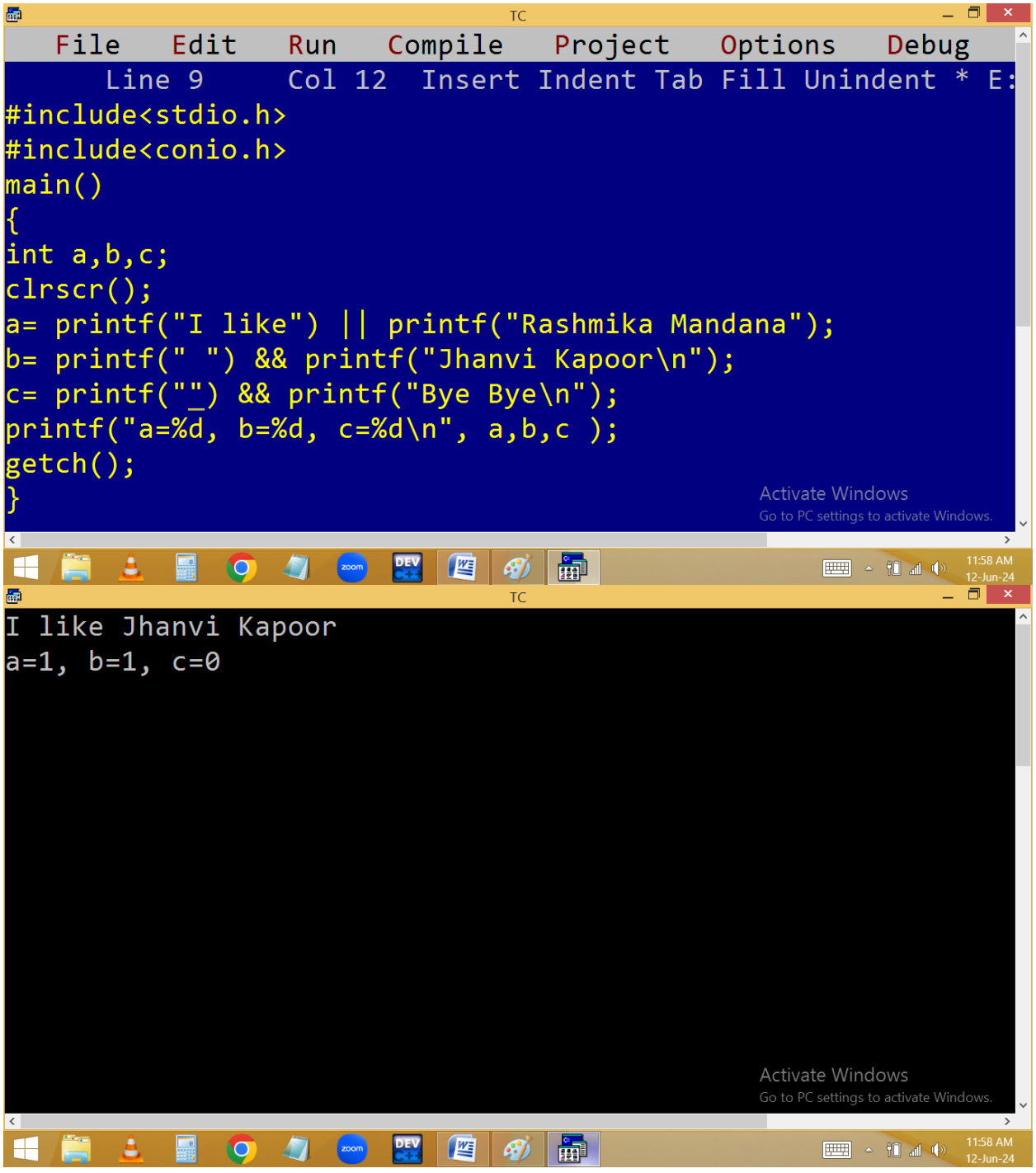

TC
File Edit Run Compile Project Options Debug Break/watch
Line 11 Col 1 Insert Indent Tab Fill Unindent * E:11AM.C
#include<stdio.h>
#include<conio.h>
main()
{
int a=10,b,c;
clrscr();
a=!a;
b=!!a;
c=!!!b;
printf("a=%d, b=%d, c=%d\n", a,b,c);
getch();
}
Activate Windows
Go to PC settings to activate Windows.
11:28 AM
12-Jun-24
TC
a=0, b=0, c=1
Activate Windows
Go to PC settings to activate Windows.
11:28 AM
12-Jun-24

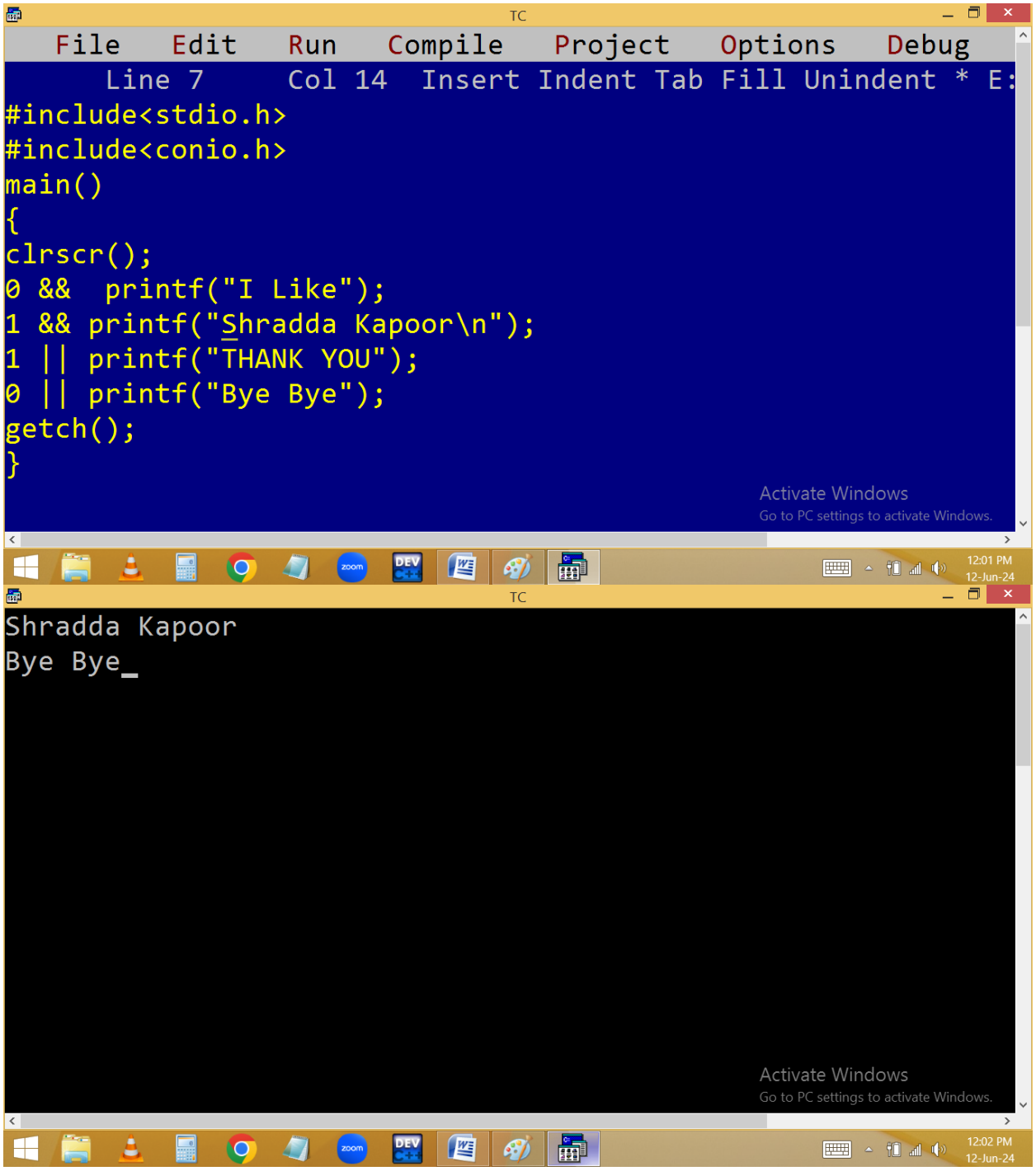

TC
File Edit Run Compile Project Options Debug Break/watch
Line 10 Col 13 Insert Indent Tab Fill Unindent * E:11AM.C
#include<stdio.h>
#include<conio.h>
main()
{
int a,b,c;
clrscr();
a=printf("I");
b=printf("Love");
c=printf("You");
printf("%d%d%d\n", a,b,c);
getch();
}
Activate Windows
Go to PC settings to activate Windows.
11:32 AM
12-Jun-24
TC
ILoveYou143
Activate Windows
Go to PC settings to activate Windows.
11:32 AM
12-Jun-24


TC
File Edit Run Compile Project Options Debug
Line 9 Col 7 Insert Indent Tab Fill Unindent * E:
#include<stdio.h>
#include<conio.h>
main()
{
int a,b,c;
clrscr();
a=printf("I\t");
b=a+printf("Love\t");
c=a+b+printf("You\t");
printf("%d%d%d\n", a,b,c);
getch();
}
Activate Windows
Go to PC settings to activate Windows.
11:37 AM
12-Jun-24
TC
I Love You 2713
Activate Windows
Go to PC settings to activate Windows.
11:38 AM
12-Jun-24


TC
File Edit Run Compile Project Options Debug
Line 10 Col 23 Insert Indent Tab Fill Unindent * E:
#include<stdio.h>
#include<conio.h>
main()
{
int a=0,b=5,c=-9;
clrscr();
!a;
!!b;
!!!c;
printf("a=%d, b=%d, c=%d\n", a,b,c);
getch();
}
Activate Windows
Go to PC settings to activate Windows.
11:41 AM
12-Jun-24
TC
a=0, b=5, c=-9
Activate Windows
Go to PC settings to activate Windows.
11:41 AM
12-Jun-24


TC
File Edit Run Compile Project Options Debug
Line 9 Col 3 Insert Indent Tab Fill Unindent * E:
#include<stdio.h>
#include<conio.h>
main()
{
int a=0,b=5,c=-9;
clrscr();
a=!a;
b=!!b;
c=!!!c;
printf("a=%d, b=%d, c=%d\n", a,b,c);
getch();
}
Activate Windows
Go to PC settings to activate Windows.
11:42 AM
12-Jun-24
TC
a=1, b=1, c=0
Activate Windows
Go to PC settings to activate Windows.
11:42 AM
12-Jun-24

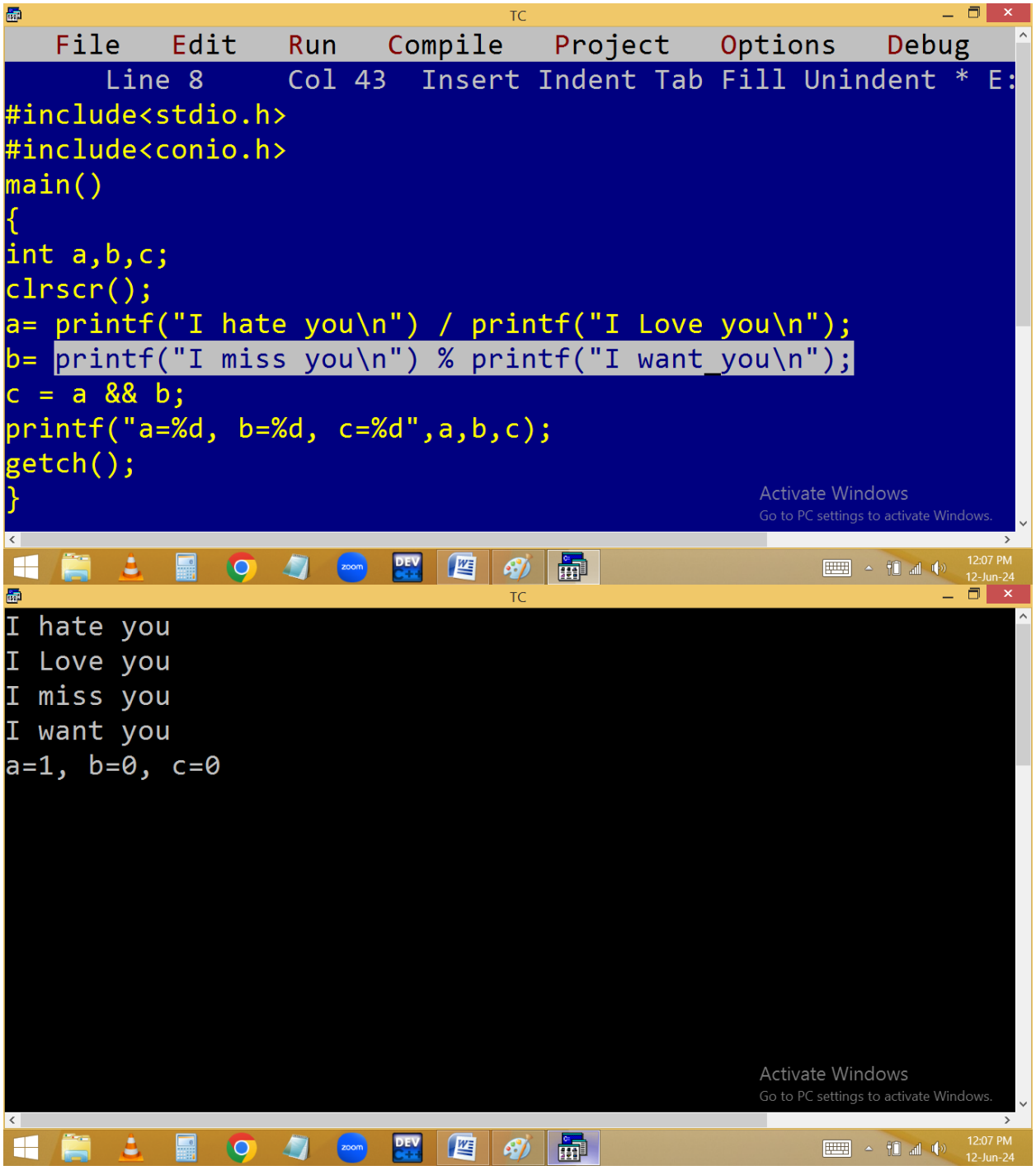

TC
File Edit Run Compile Project Options Debug
Line 9 Col 12 Insert Indent Tab Fill Unindent * E:
#include<stdio.h>
#include<conio.h>
main()
{
int a,b,c;
clrscr();
a= printf("I like") || printf("Rashmika Mandana");
b= printf(" ") && printf("Jhanvi Kapoor\n");
c= printf("") && printf("Bye Bye\n");
printf("a=%d, b=%d, c=%d\n", a,b,c);
getch();
}
Activate Windows
Go to PC settings to activate Windows.
11:58 AM
12-Jun-24
TC
I like Jhanvi Kapoor
a=1, b=1, c=0
Activate Windows
Go to PC settings to activate Windows.
11:58 AM
12-Jun-24

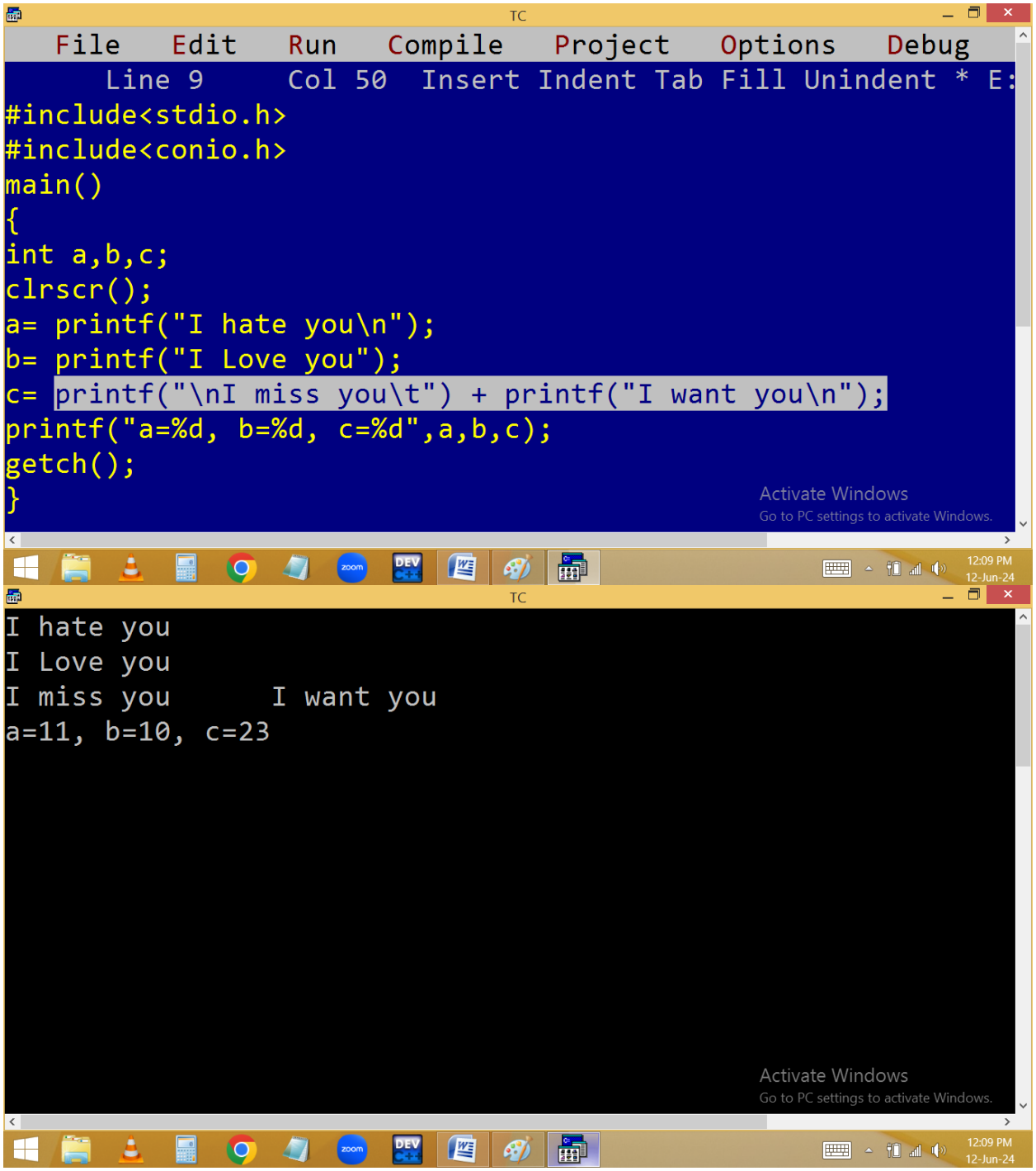


Note:

In && operator when left expression is false then right exp not checked.

In || operator when left expression is true then right exp not checked




TC
File Edit Run Compile Project Options Debug
Line 9 Col 50 Insert Indent Tab Fill Unindent * E:
#include<stdio.h>
#include<conio.h>
main()
{
int a,b,c;
clrscr();
a= printf("I hate you\n");
b= printf("I Love you");
c= printf("\nI miss you\t") + printf("I want you\n");
printf("a=%d, b=%d, c=%d",a,b,c);
getch();
}
Activate Windows
Go to PC settings to activate Windows.
12:09 PM
12-Jun-24
TC
I hate you
I Love you
I miss you I want you
a=11, b=10, c=23
Activate Windows
Go to PC settings to activate Windows.
12:09 PM
12-Jun-24

Increment & Decrement operators [++ / --]:

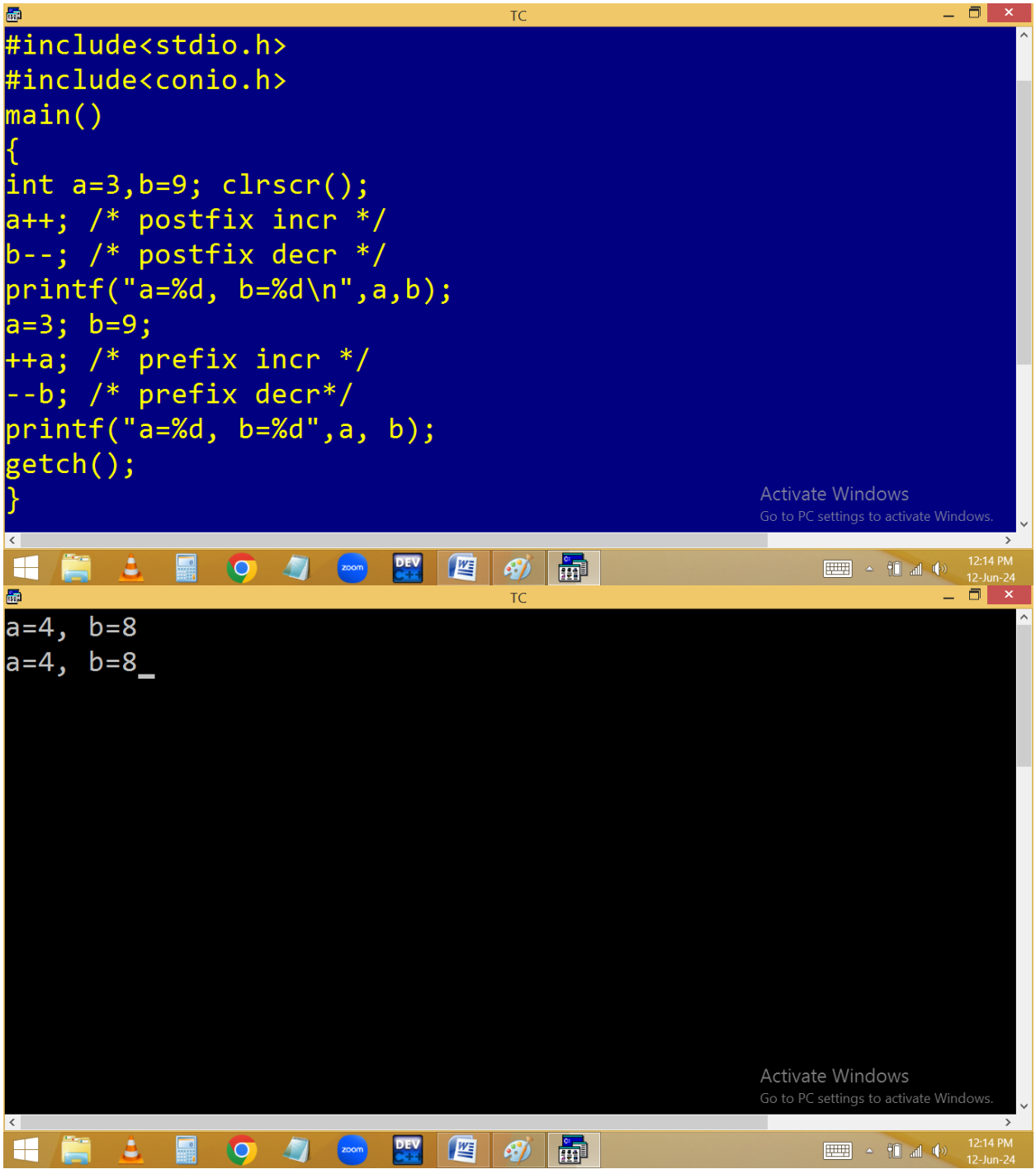
They are used to increment / decrement a variable value by 1.

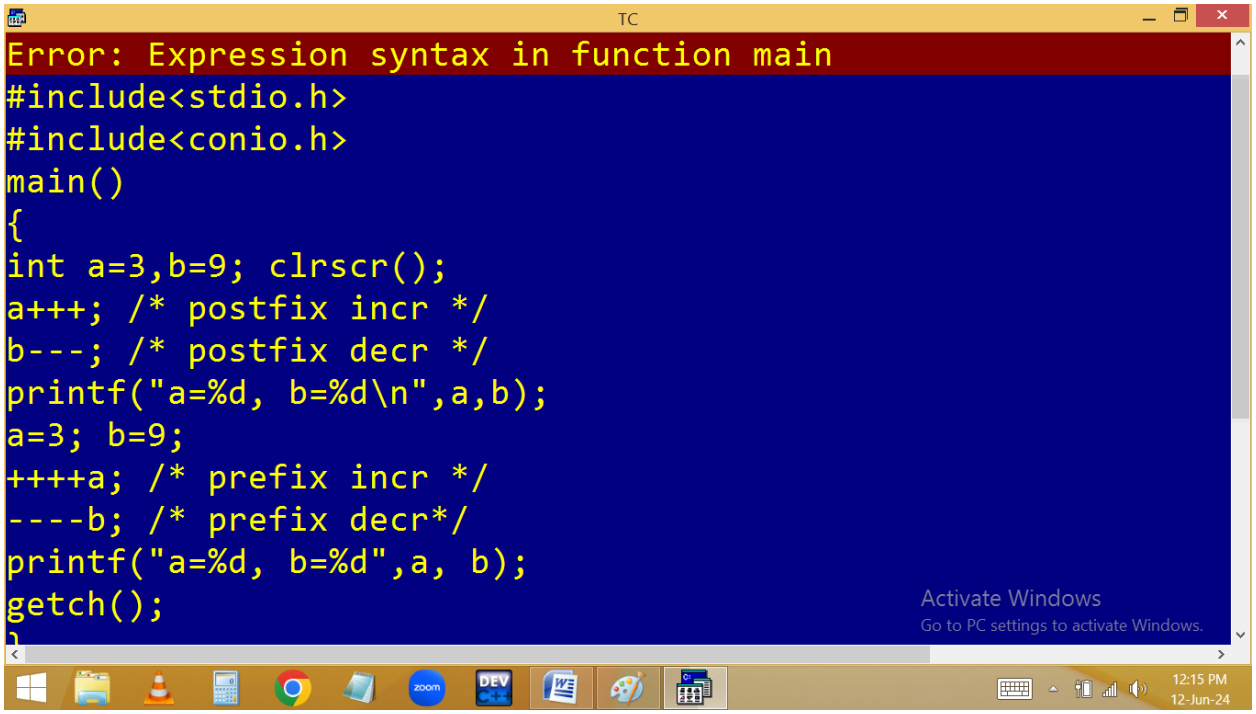
Eg:

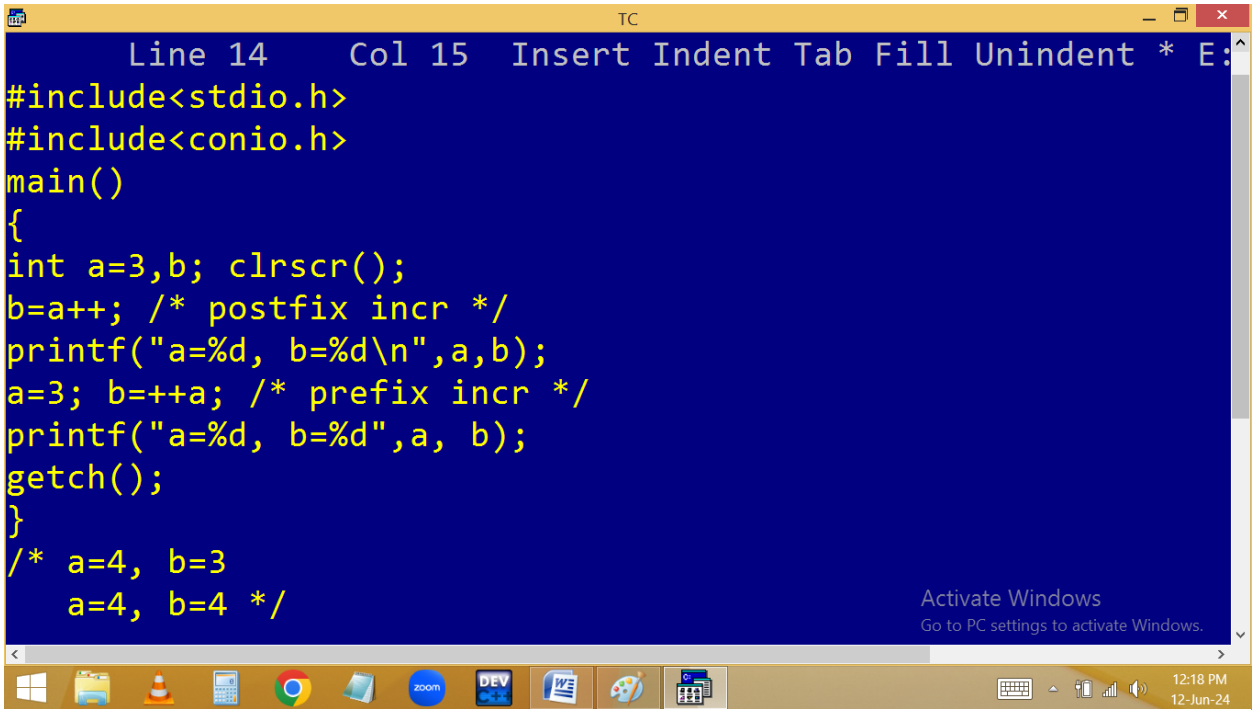
Int a=3, b=9;

a++ ➔ i.e. a=a+1 ➔ a=4

b-- ➔ i.e. b=b-1 ➔ b=8


TC
#include<stdio.h>
#include<conio.h>
main()
{
int a=3,b=9; clrscr();
a++; /* postfix incr */
b--; /* postfix decr */
printf("a=%d, b=%d\n",a,b);
a=3; b=9;
++a; /* prefix incr */
--b; /* prefix decr*/
printf("a=%d, b=%d",a, b);
getch();
}
Activate Windows
Go to PC settings to activate Windows.
12:14 PM
12-Jun-24
TC
a=4, b=8
a=4, b=8
Activate Windows
Go to PC settings to activate Windows.
12:14 PM
12-Jun-24


TC
Error: Expression syntax in function main
#include<stdio.h>
#include<conio.h>
main()
{
int a=3,b=9; clrscr();
a+++; /* postfix incr */
b---; /* postfix decr */
printf("a=%d, b=%d\n",a,b);
a=3; b=9;
++++a; /* prefix incr */
----b; /* prefix decr*/
printf("a=%d, b=%d",a, b);
getch();
}
Activate Windows
Go to PC settings to activate Windows.
12:15 PM
12-Jun-24



a=3

b=a++; priority: =, a++

1. b=a ==> b=3

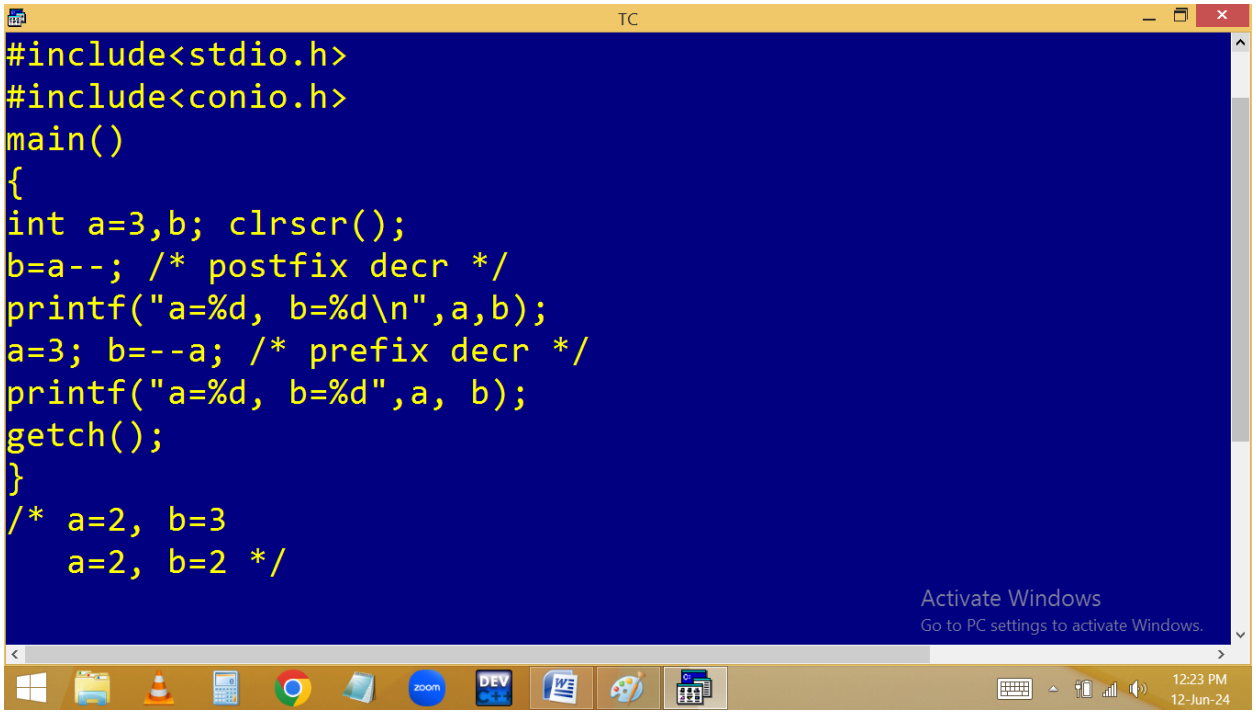
2. a++ ==> a=4

a=3

b=++a; priority: ++a, =

1. ++a ==> a=4

2. b=a ==> b=4


TC
#include<stdio.h>
#include<conio.h>
main()
{
int a=3,b; clrscr();
b=a--; /* postfix decr */
printf("a=%d, b=%d\n",a,b);
a=3; b=--a; /* prefix decr */
printf("a=%d, b=%d",a, b);
getch();
}
/* a=2, b=3
a=2, b=2 */
Activate Windows
Go to PC settings to activate Windows.
12:23 PM
12-Jun-24

a=3

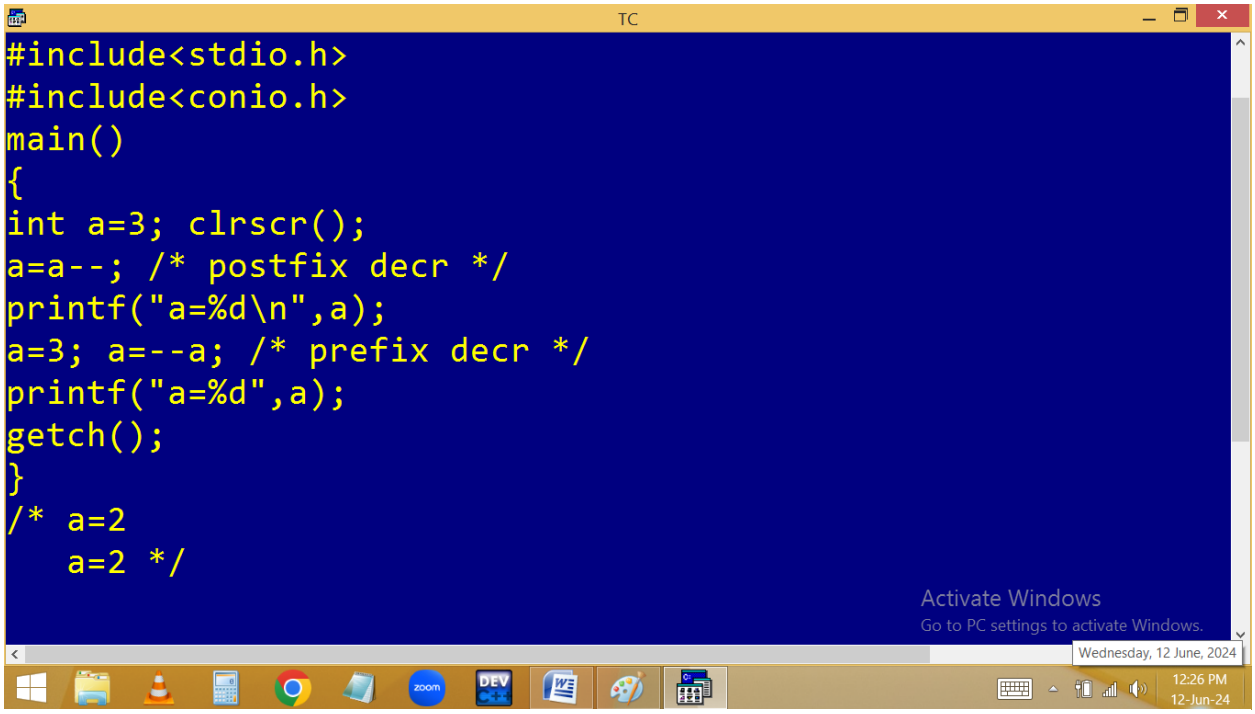
b=a--; priority: =, a--

1. b=a ==> b=3
2. a-- ==> a=2

a=3

b=--a; priority: --a, =

1. --a ==> a=2
2. b=a==> b=2



a=3

a=a--; priority: =, a--

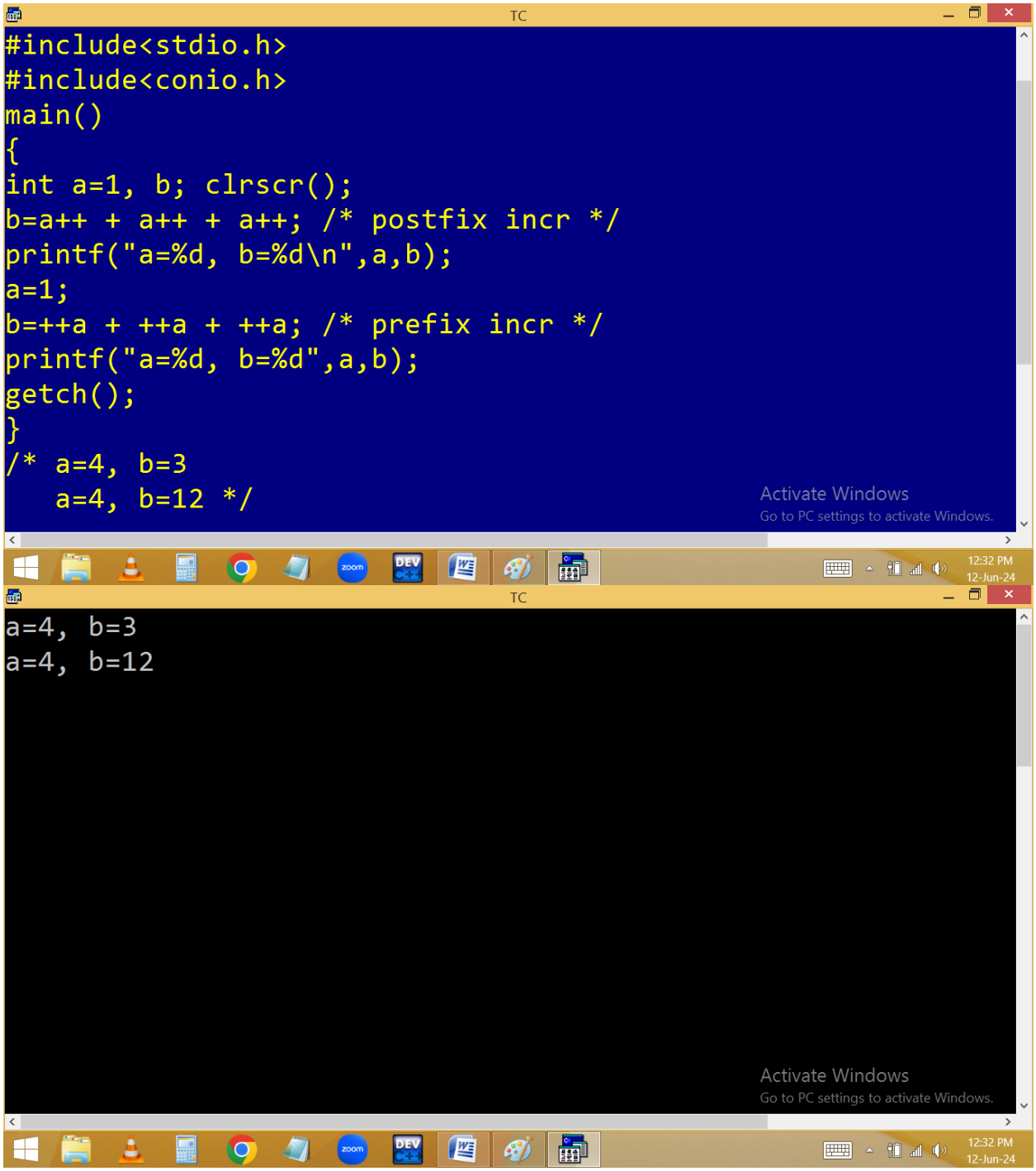
1. a=a==>a=3
2. a--==> a=2

a=3

a=--a; priority: --a, =

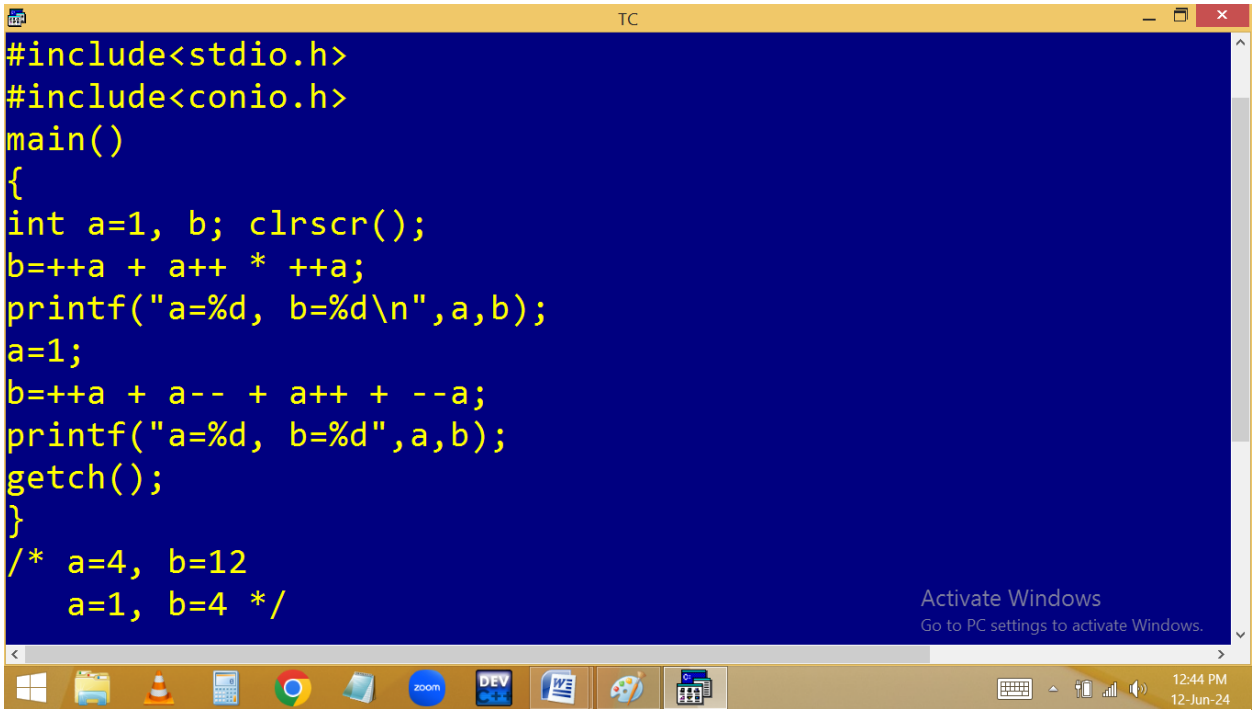
1. --a ==> a=2
2. a=a ==> a=2

Note: Until Assigning to any other variable, pre and post operations are same.


TC
#include<stdio.h>
#include<conio.h>
main()
{
int a=1, b; clrscr();
b=a++ + a++ + a++; /* postfix incr */
printf("a=%d, b=%d\n",a,b);
a=1;
b=++a + ++a + ++a; /* prefix incr */
printf("a=%d, b=%d",a,b);
getch();
}
/* a=4, b=3
a=4, b=12 */
Activate Windows
Go to PC settings to activate Windows.
12:32 PM
12-Jun-24
TC
a=4, b=3
a=4, b=12
Activate Windows
Go to PC settings to activate Windows.
12:32 PM
12-Jun-24

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

a=1
b= ++a + ++a + ++a;
priority: ++a, +, =
1.++a==>a=2, ++a==>a=3, ++a==>a=4
2. b = a + a + a ==> 4 + 4 + 4 = 12
3. b = 12



a=1
b=++a + a++ * ++a;
priority: ++a, *, +, = , a++
1. ++a==>a=2, ++a==> a=3
2. b = a + a * a ==> 3 + 3*3 ==> 3 + 9
3. b = 3 + 9 = 12
4. b = 12 ✓
5. a++ ==> a=4 ✓

a=1
b= ++a + a-- + a++ + --a;
priority: ++a, --a, +, =, a++, a--
1. ++a==>a=2
2. --a ==> a=1
3. b = a + a + a + a ==> 1 + 1 + 1 + 1
4. b = 4
5. a++ ==> a=2
6. a-- ==> a=1