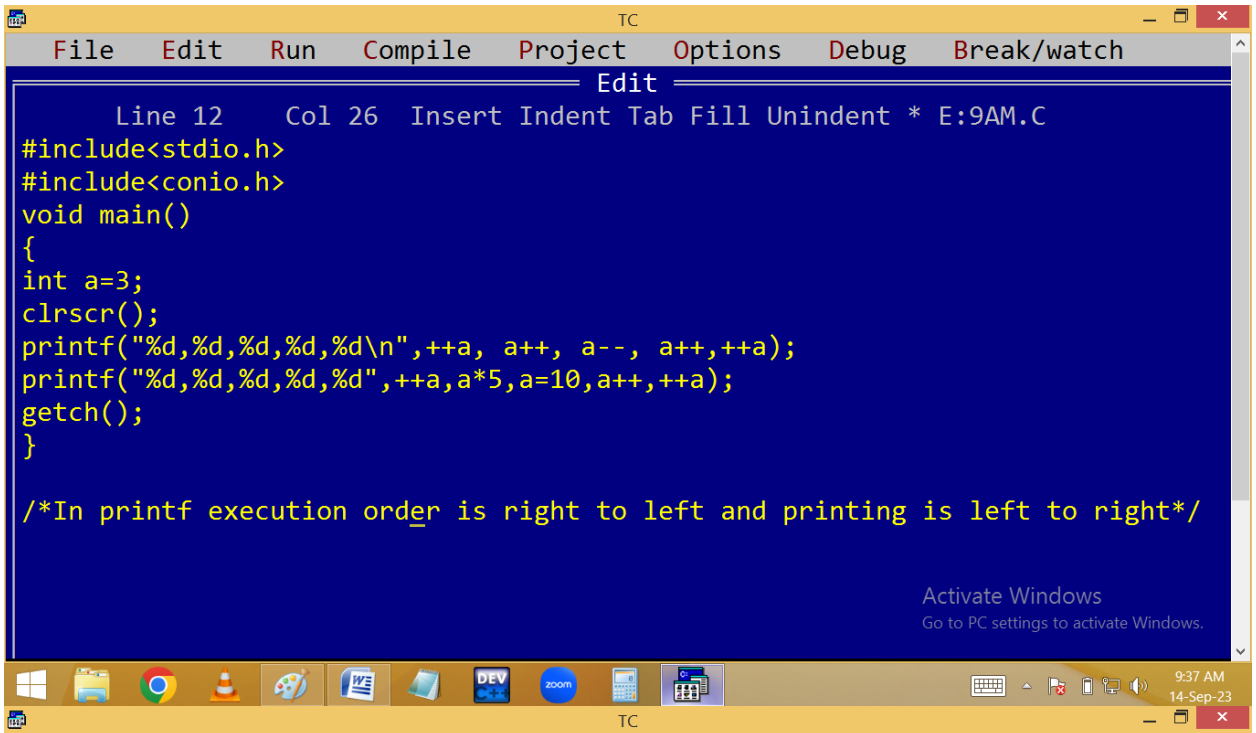
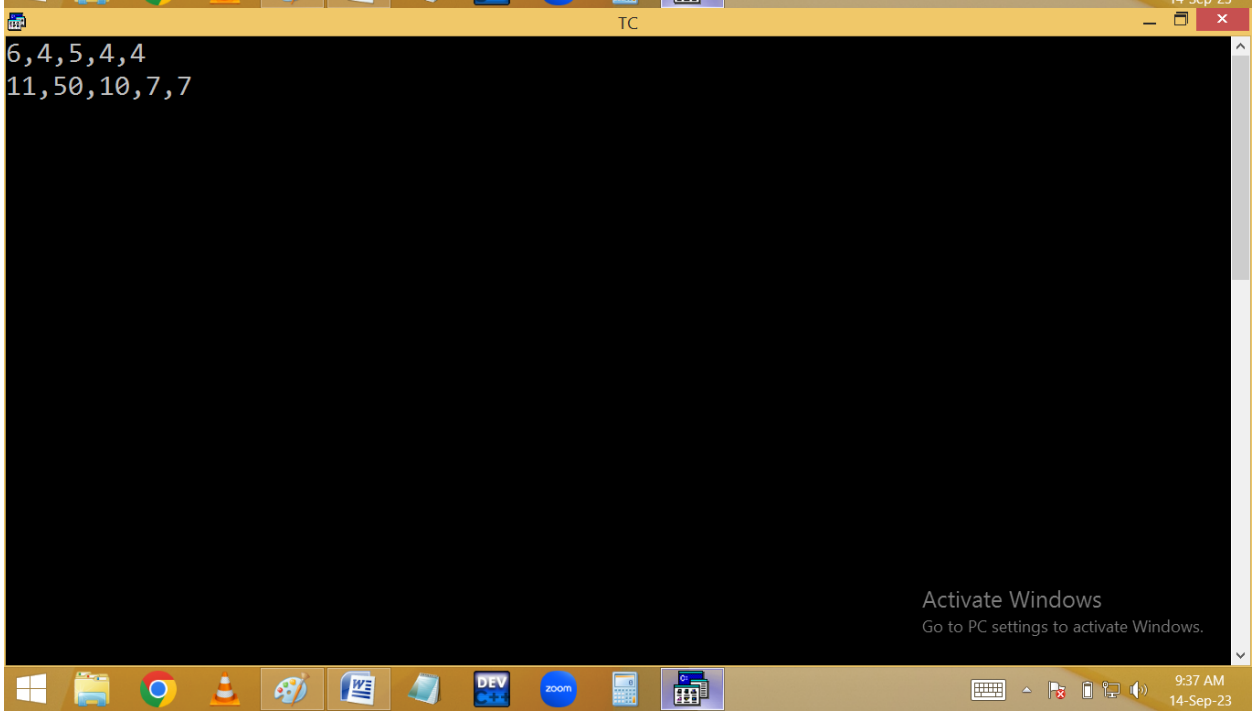
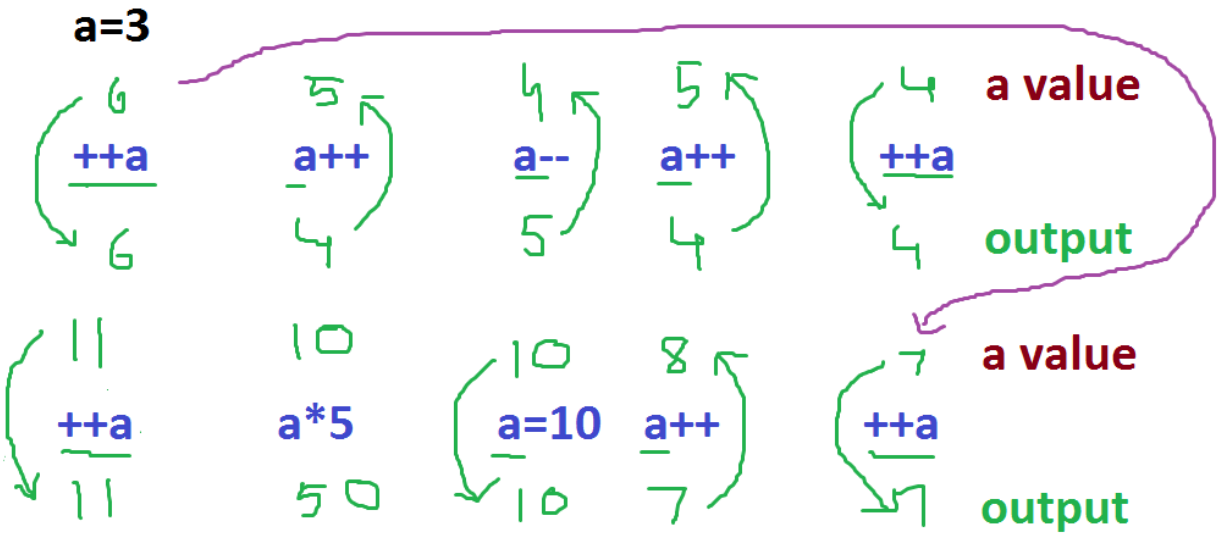
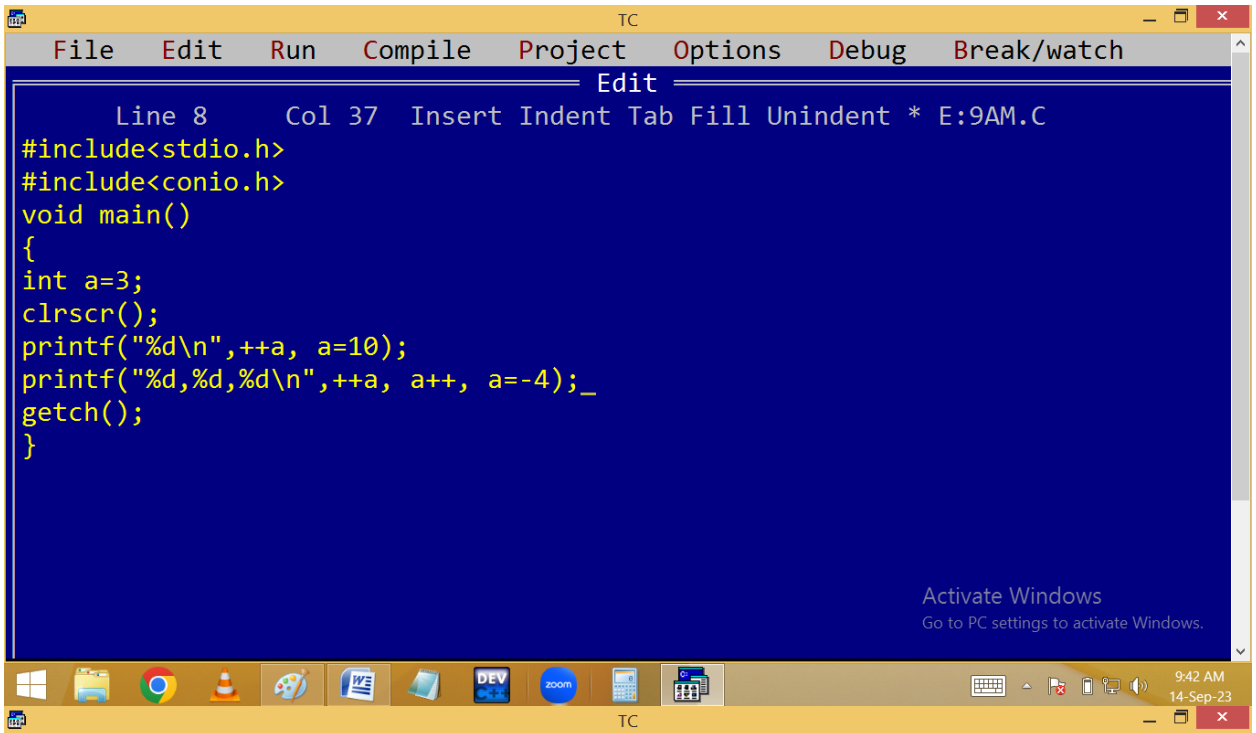
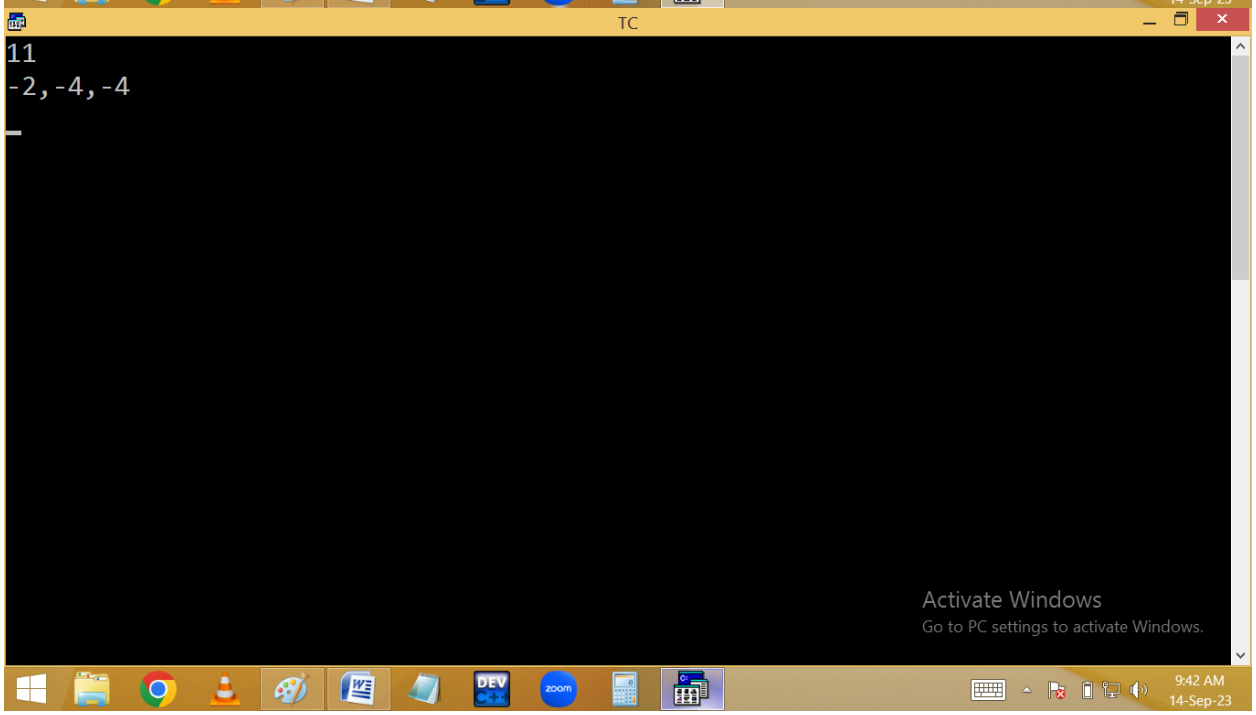
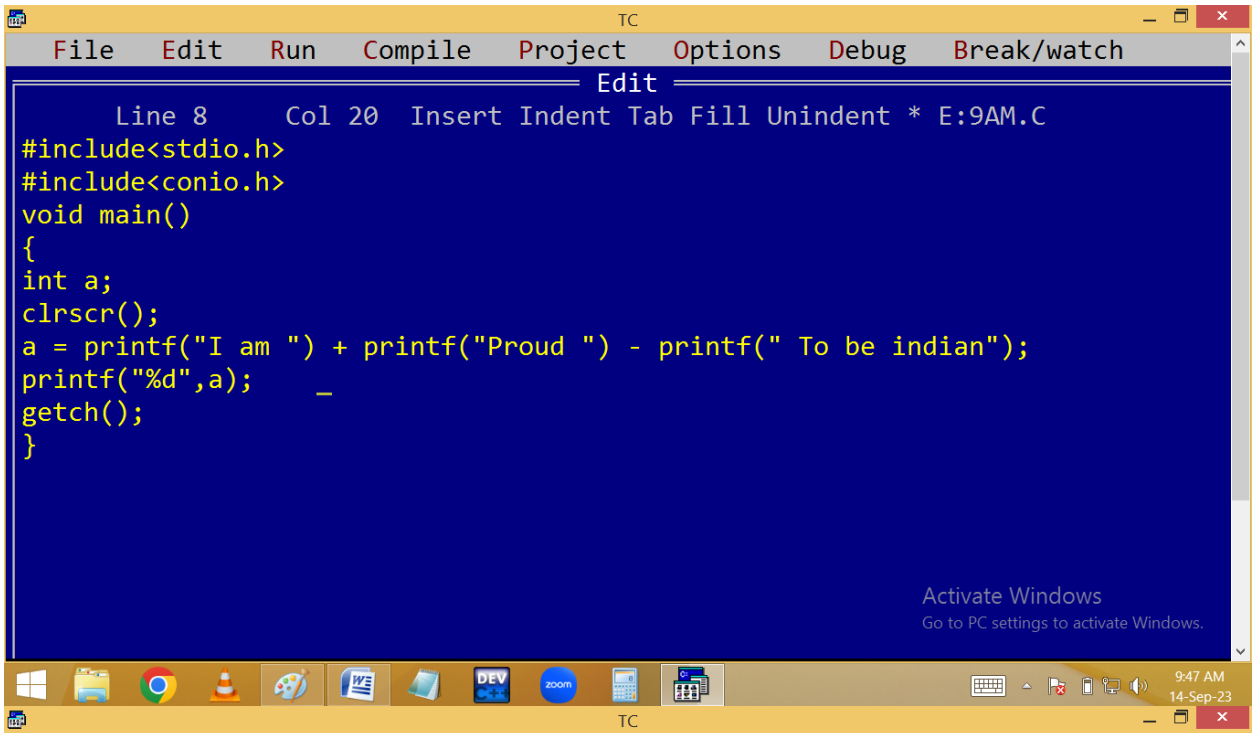

TC
File Edit Run Compile Project Options Debug Break/watch
Edit
Line 12 Col 26 Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int a=3;
clrscr();
printf("%d,%d,%d,%d,%d\n",++a, a++, a--, a++,++a);
printf("%d,%d,%d,%d,%d",++a,a*5,a=10,a++,++a);
getch();
}
/*In printf execution order is right to left and printing is left to right*/
Activate Windows
Go to PC settings to activate Windows.
9:37 AM
14-Sep-23

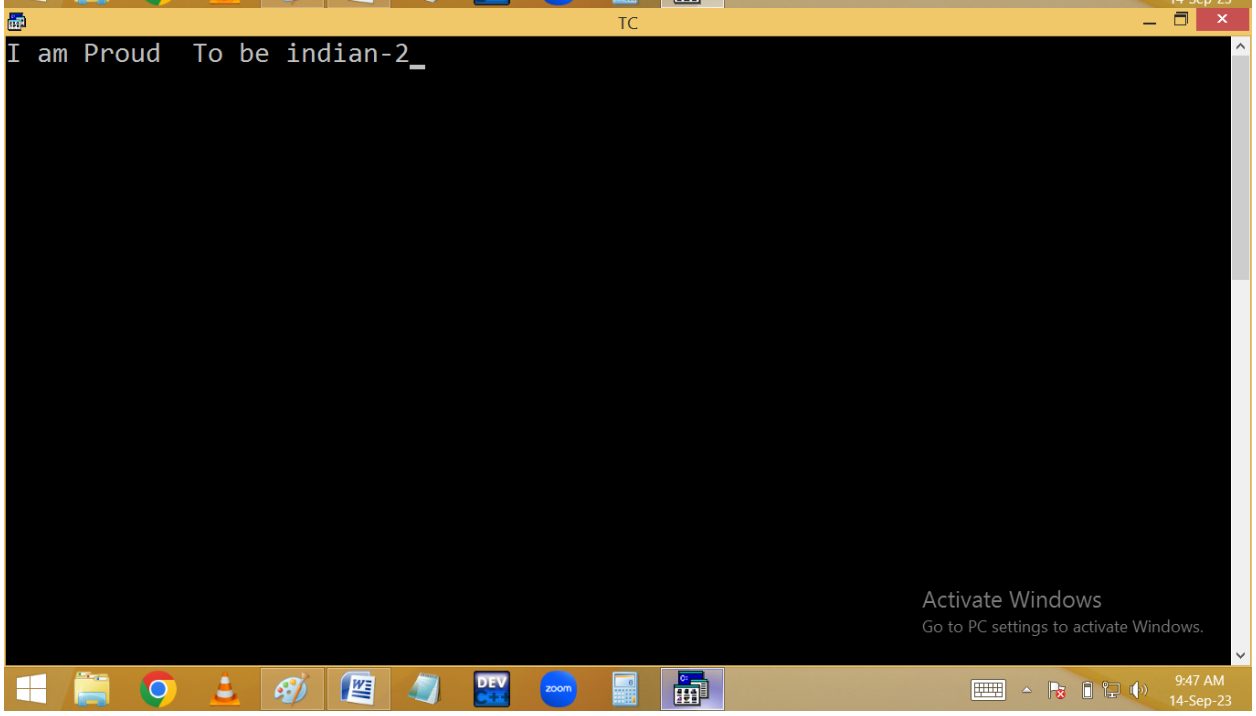

TC
6,4,5,4,4
11,50,10,7,7
Activate Windows
Go to PC settings to activate Windows.
9:37 AM
14-Sep-23

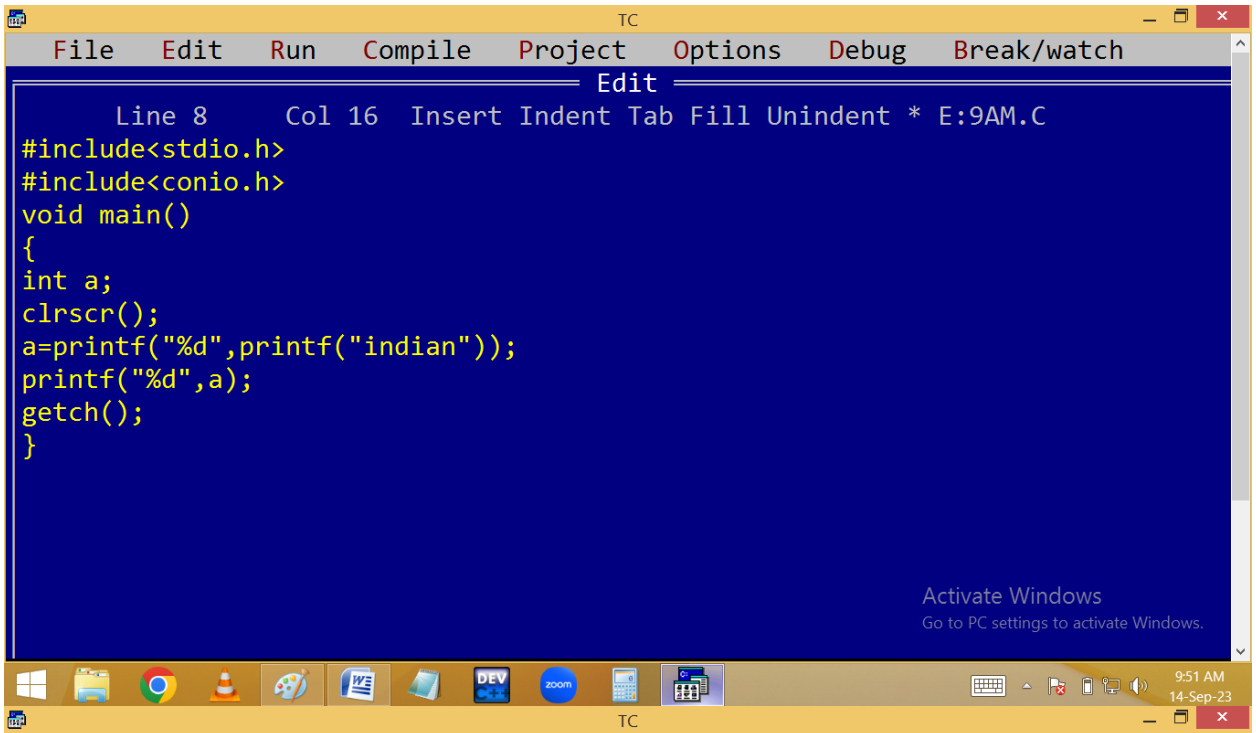

a=3
6
++a
6
5
a++
4
4
a--
5
5
a++
4
4
++a
4
a value
output
11
++a
11
10
a*5
50
10
a=10
10
8
a++
7
7
++a
7
a value
output

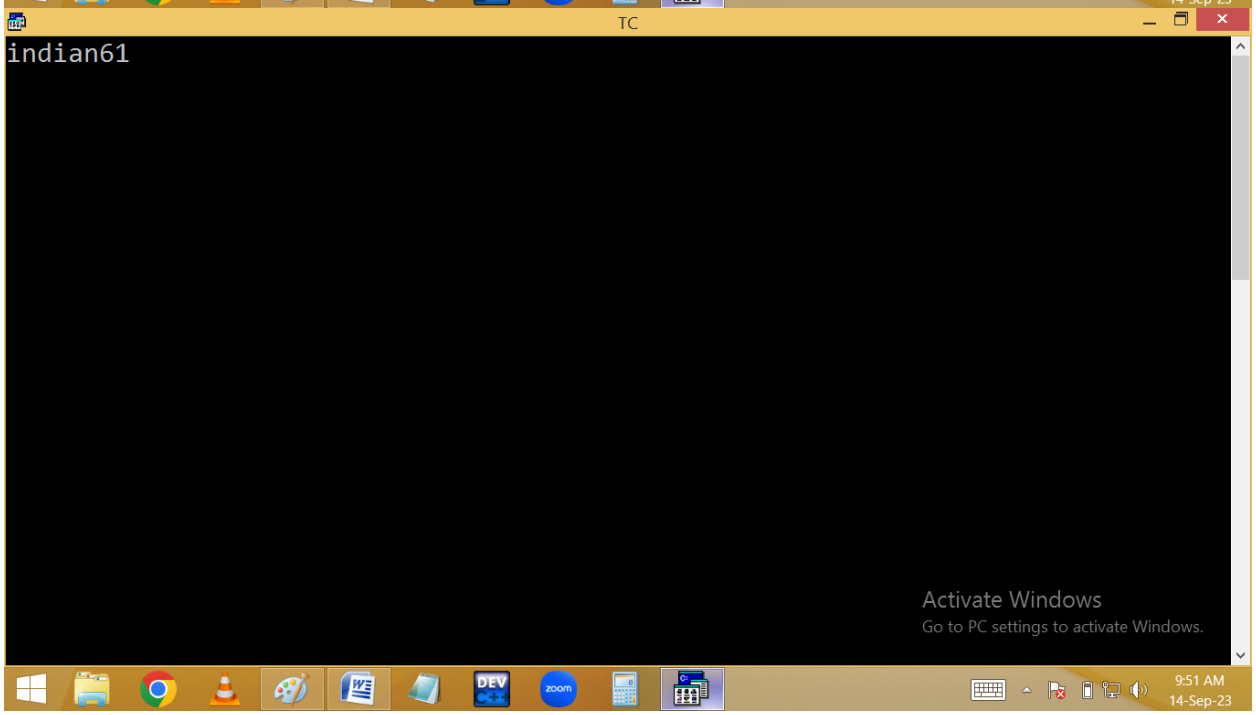

TC
File Edit Run Compile Project Options Debug Break/watch
Edit
Line 8 Col 37 Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int a=3;
clrscr();
printf("%d\n",++a, a=10);
printf("%d,%d,%d\n",++a, a++, a=-4);_
getch();
}
Activate Windows
Go to PC settings to activate Windows.
9:42 AM
14-Sep-23

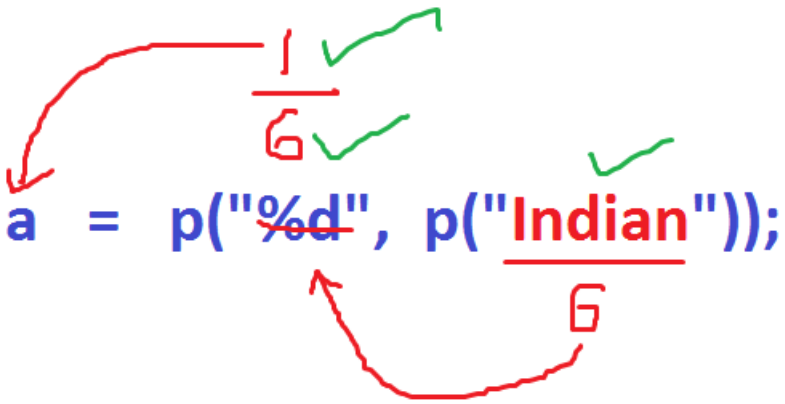

TC
11
-2,-4,-4
Activate Windows
Go to PC settings to activate Windows.
9:42 AM
14-Sep-23

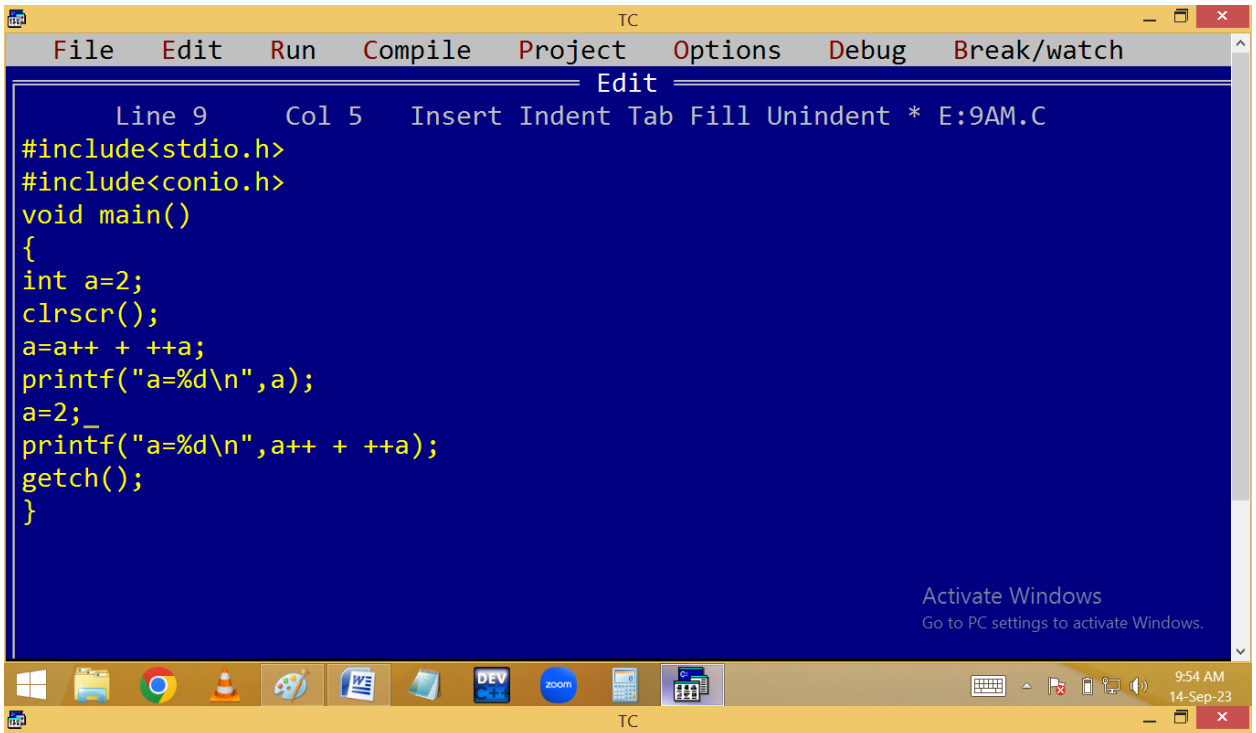

TC
File Edit Run Compile Project Options Debug Break/watch
Edit
Line 8 Col 20 Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int a;
clrscr();
a = printf("I am ") + printf("Proud ") - printf(" To be indian");
printf("%d",a);
getch();
}
Activate Windows
Go to PC settings to activate Windows.
9:47 AM
14-Sep-23

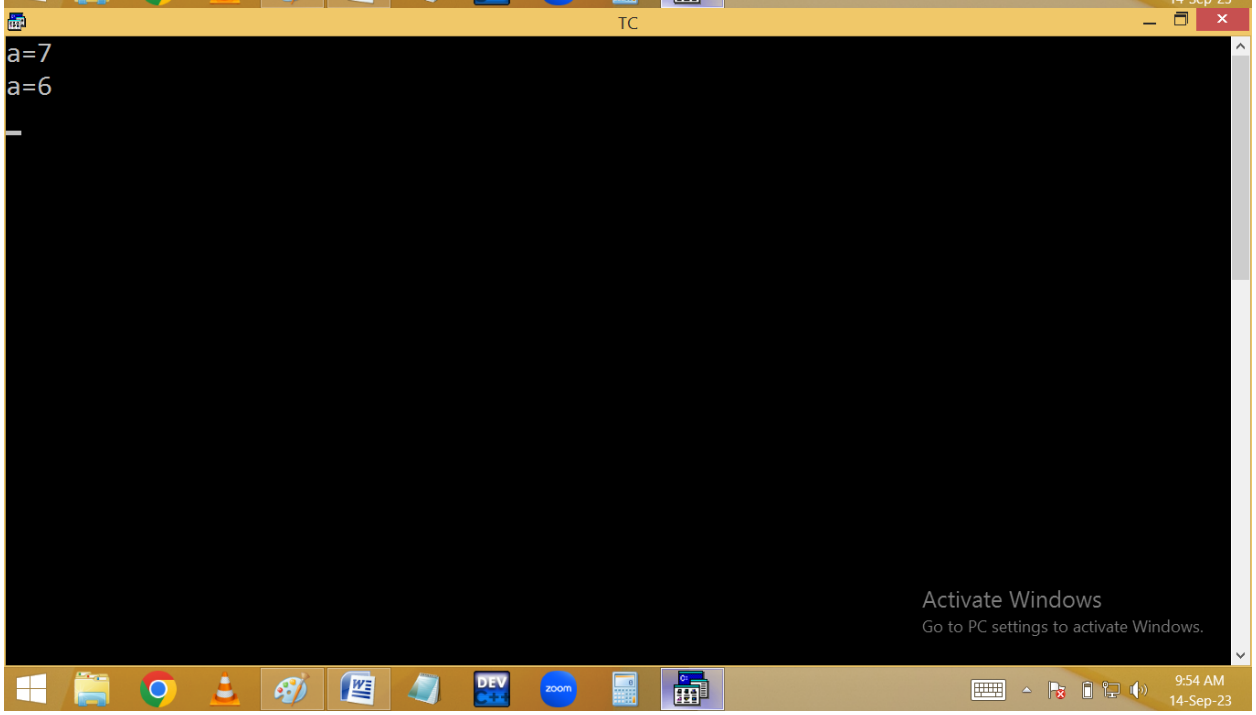

TC
I am Proud To be indian-2
Activate Windows
Go to PC settings to activate Windows.
9:47 AM
14-Sep-23

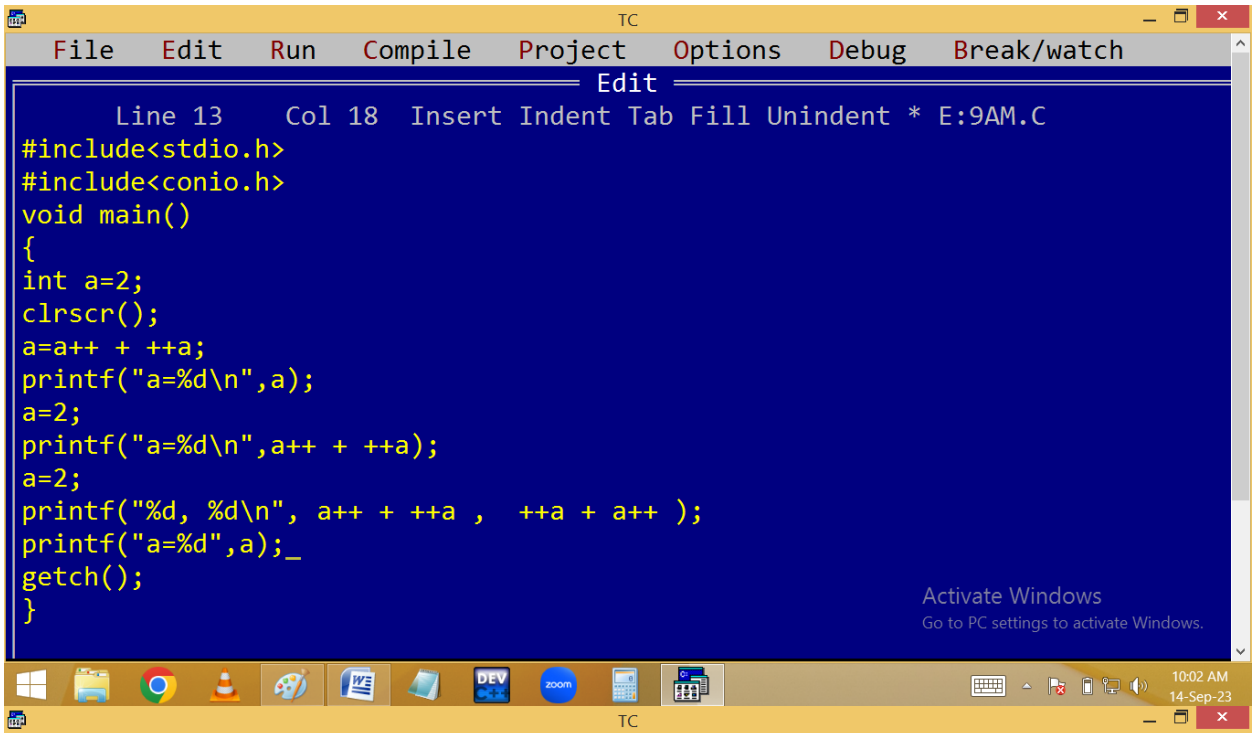

TC
File Edit Run Compile Project Options Debug Break/watch
Edit
Line 8 Col 16 Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int a;
clrscr();
a=printf("%d",printf("indian"));
printf("%d",a);
getch();
}
Activate Windows
Go to PC settings to activate Windows.
9:51 AM
14-Sep-23

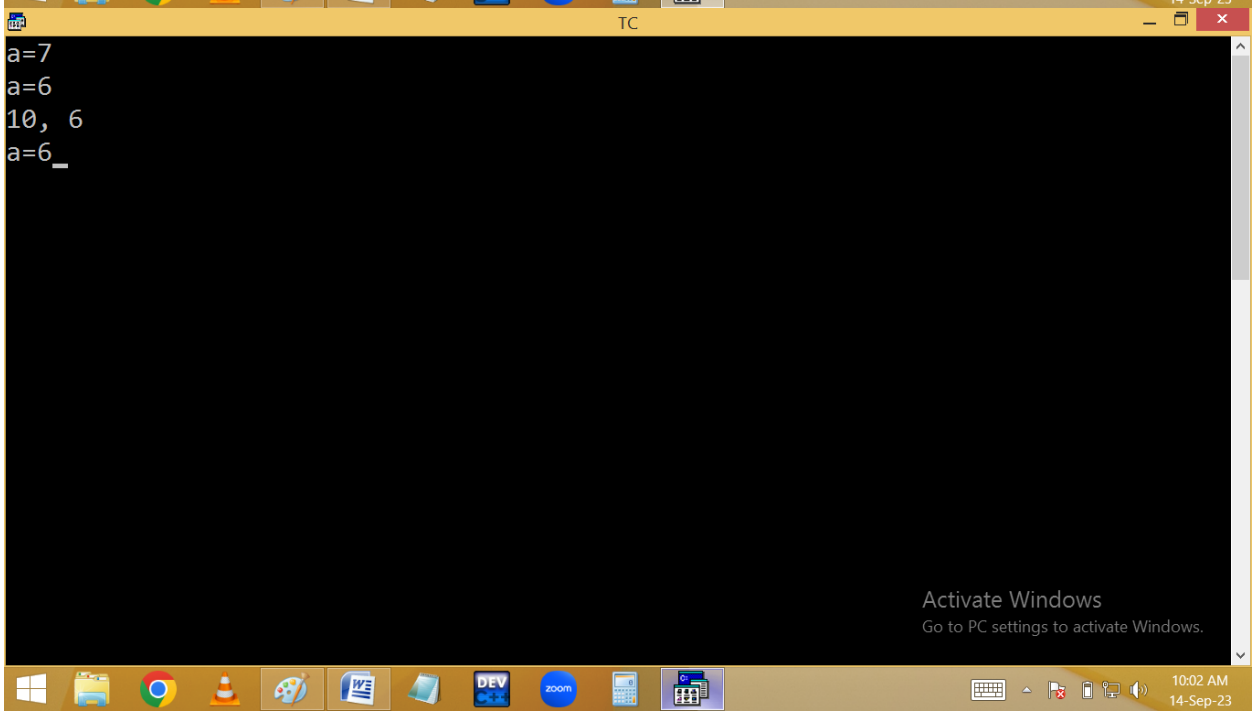

TC
indian61
Activate Windows
Go to PC settings to activate Windows.
9:51 AM
14-Sep-23


1
6
a = p("%d", p("Indian"));
6


TC
File Edit Run Compile Project Options Debug Break/watch
Edit
Line 9 Col 5 Insert Indent Tab Fill Unindent * E:9AM.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);
getch();
}
Activate Windows
Go to PC settings to activate Windows.
9:54 AM
14-Sep-23


TC
a=7
a=6
Activate Windows
Go to PC settings to activate Windows.
9:54 AM
14-Sep-23


TC
File Edit Run Compile Project Options Debug Break/watch
Edit
Line 13 Col 18 Insert Indent Tab Fill Unindent * E:9AM.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("%d, %d\n", a++ + ++a , ++a + a++ );
printf("a=%d",a);
getch();
}
Activate Windows
Go to PC settings to activate Windows.
10:02 AM
14-Sep-23


TC
a=7
a=6
10, 6
a=6
Activate Windows
Go to PC settings to activate Windows.
10:02 AM
14-Sep-23

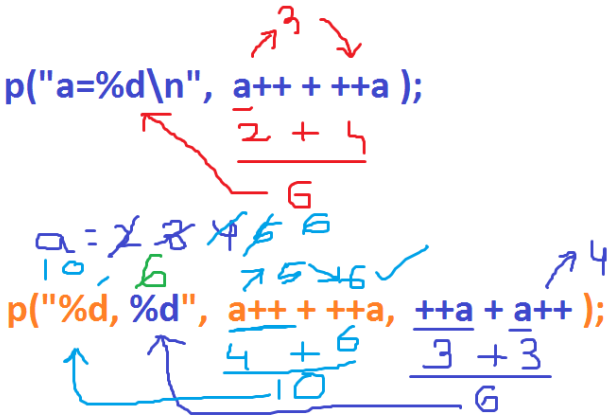
a=2

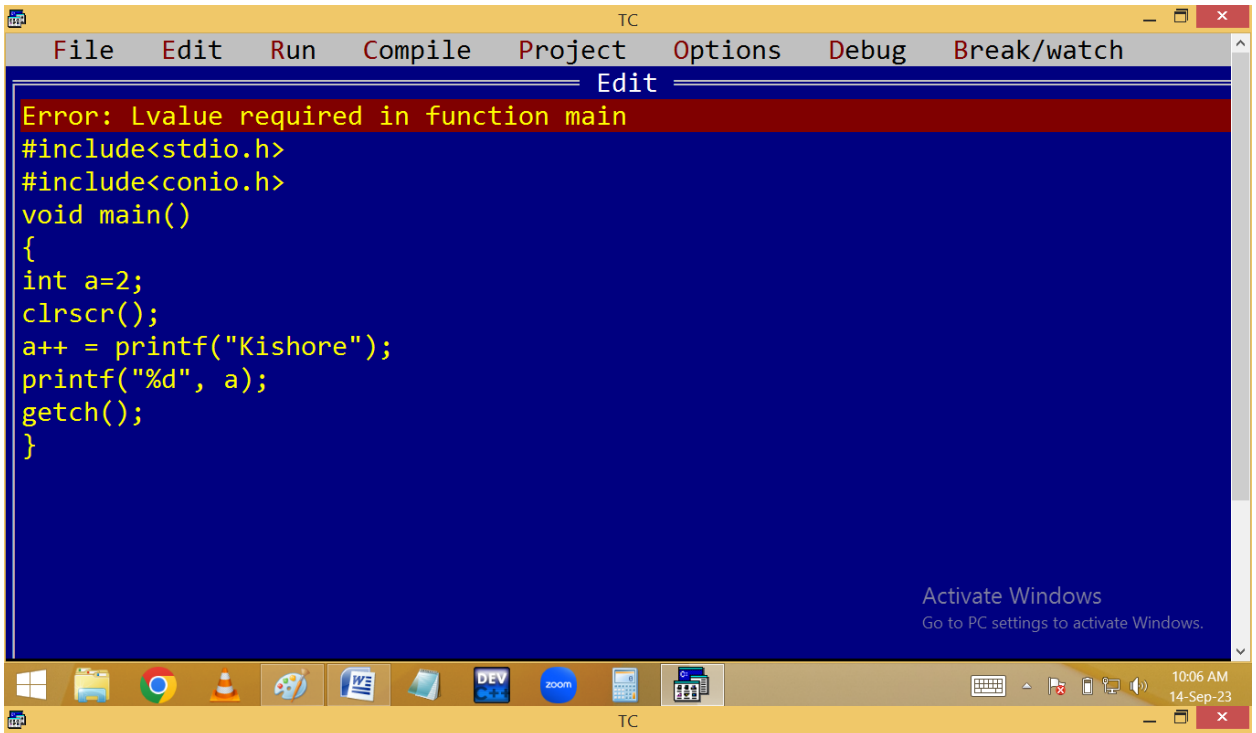
a = a++ + ++a;

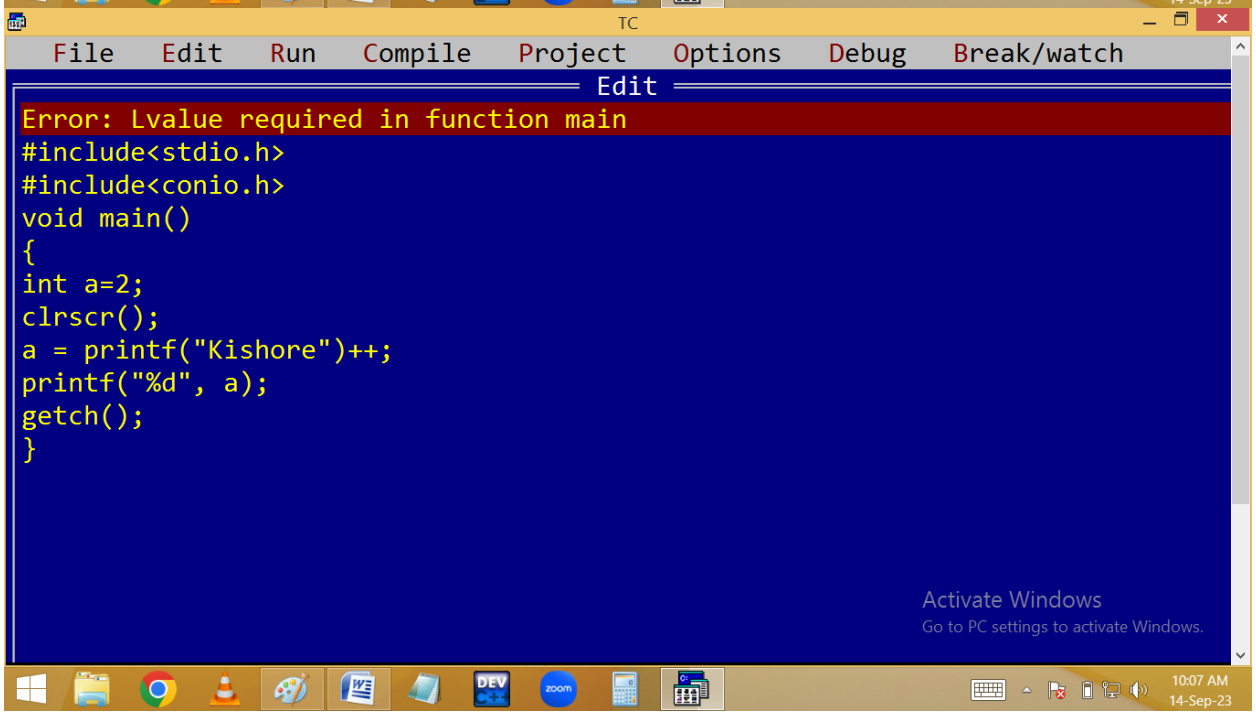
priority: ++a, +, =, a++

1. ++a ==> a=3
2. a = a + a ==> 3 + 3
3. a = 6
4. a++ ==> a=7

a=2




TC
File Edit Run Compile Project Options Debug Break/watch
Edit
Error: Lvalue required in function main
#include<stdio.h>
#include<conio.h>
void main()
{
int a=2;
clrscr();
a++ = printf("Kishore");
printf("%d", a);
getch();
}
Activate Windows
Go to PC settings to activate Windows.
10:06 AM
14-Sep-23


TC
File Edit Run Compile Project Options Debug Break/watch
Edit
Error: Lvalue required in function main
#include<stdio.h>
#include<conio.h>
void main()
{
int a=2;
clrscr();
a = printf("Kishore")++;
printf("%d", a);
getch();
}
Activate Windows
Go to PC settings to activate Windows.
10:07 AM
14-Sep-23

## Compound assignment / short hand operator:

**Here we are using assignment operator with the combination of other operators as follows.**

**+=, -=, *=, %=, /=, <<=, >>=, ~=,…**

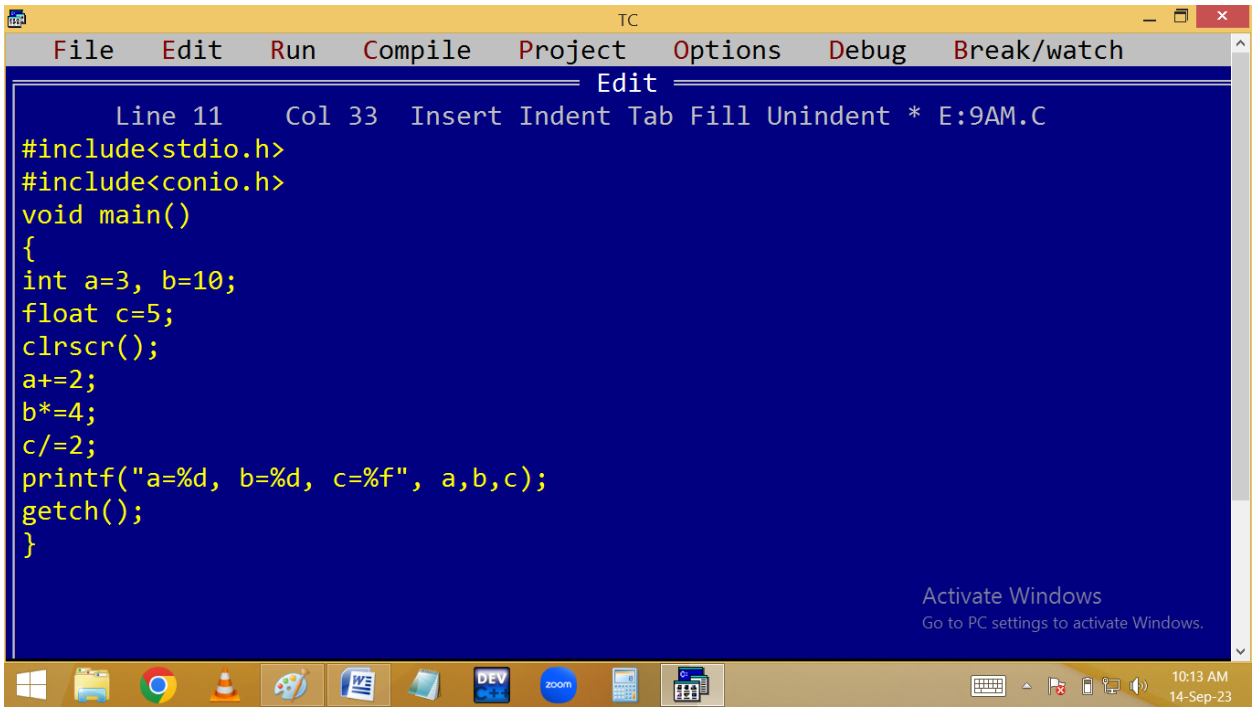
**Eg: int a=3, b=10;**

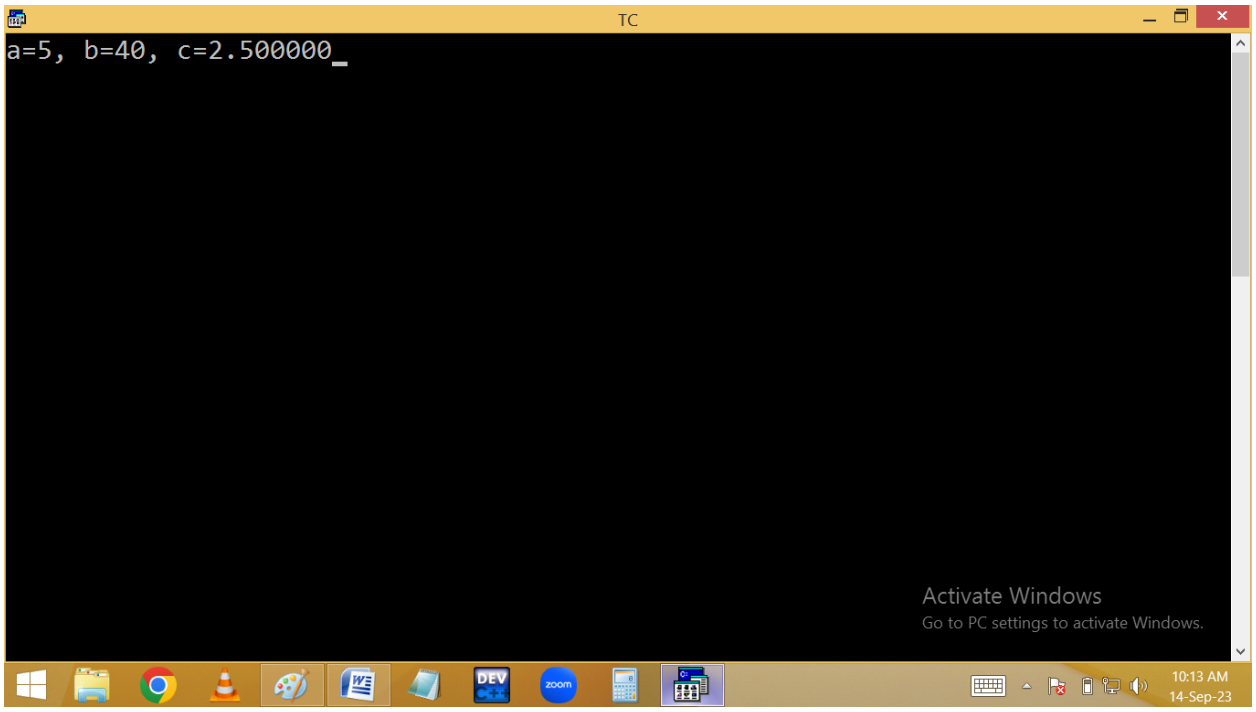
**float c=5;**

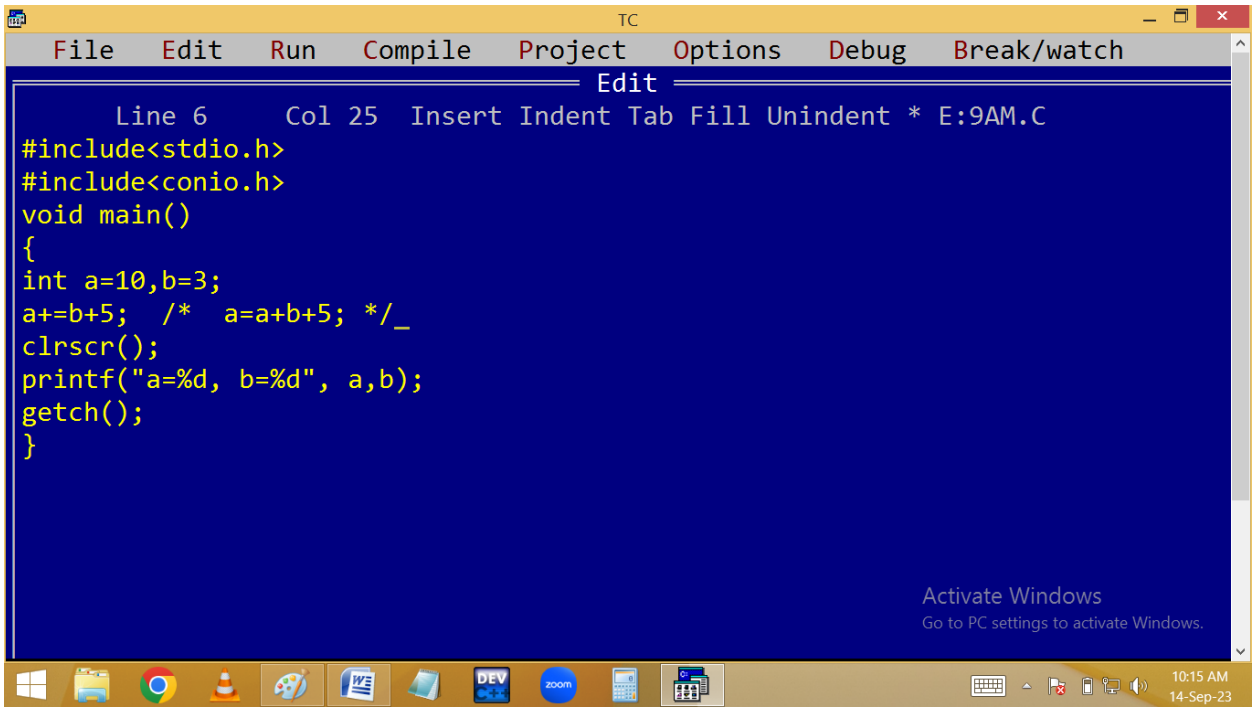
**a+=2; i.e. a=a+2 ➔ a=3+2➔a=5**

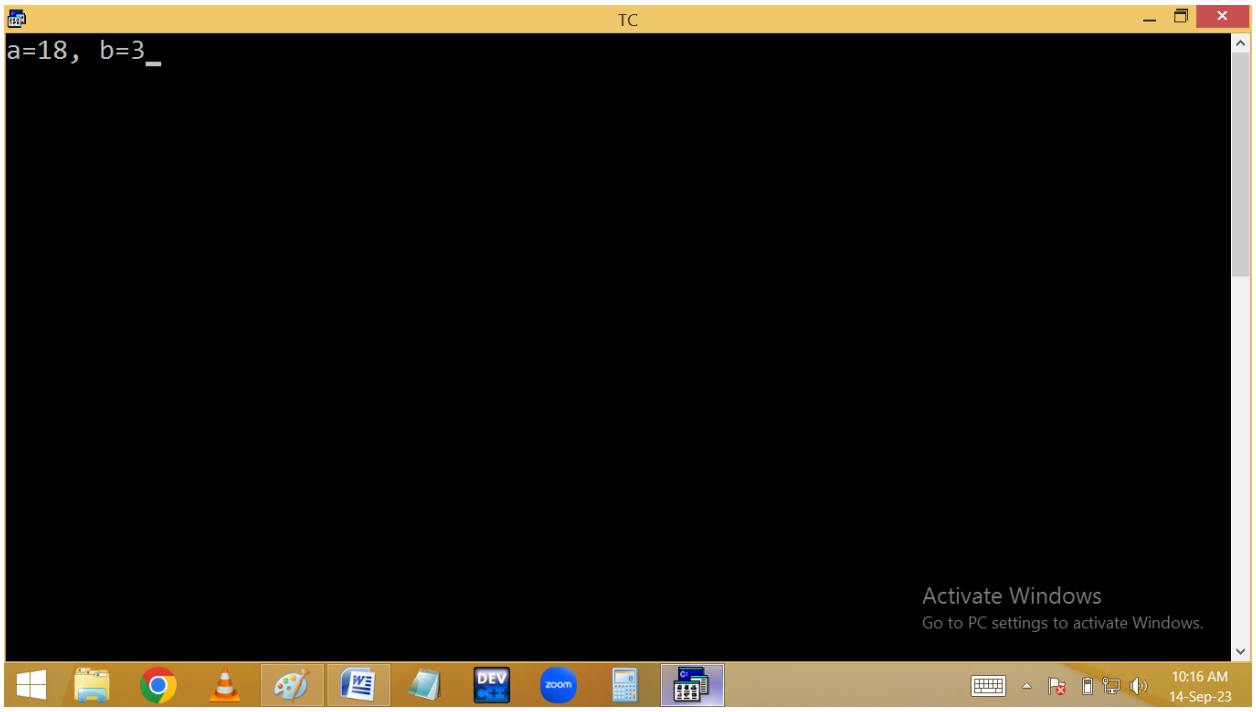
**b*=4; i.e. b=b*4 ➔ b=10*4 ➔ b=40**

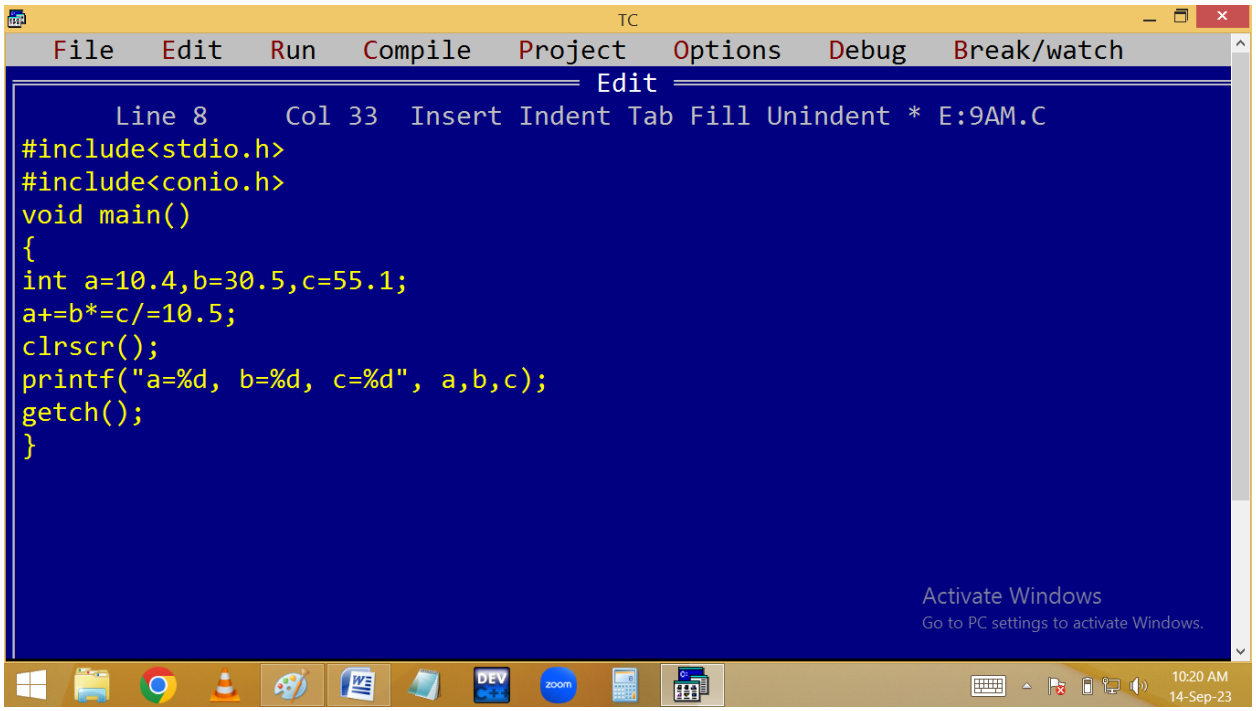
**c/=2; i.e. c=c/2 ➔ c=5/2 ➔ c=2.500000**

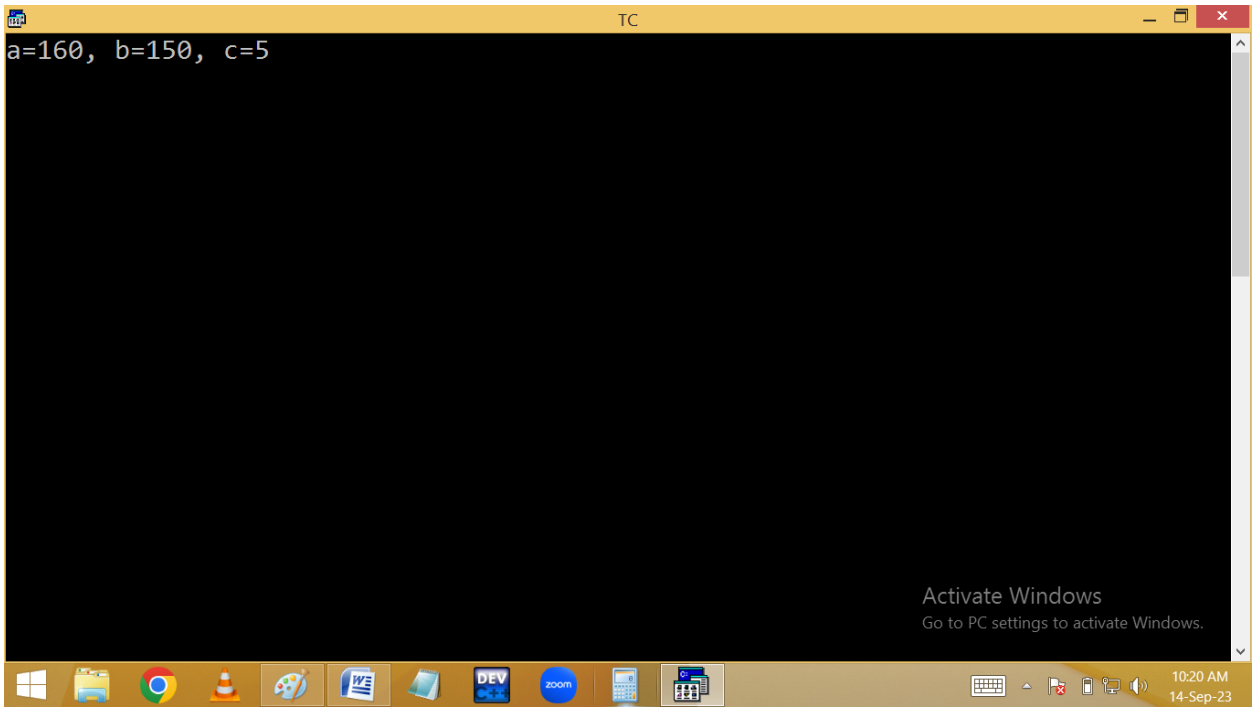

TC
File Edit Run Compile Project Options Debug Break/watch
Edit
Line 11 Col 33 Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int a=3, b=10;
float c=5;
clrscr();
a+=2;
b*=4;
c/=2;
printf("a=%d, b=%d, c=%f", a,b,c);
getch();
}
Activate Windows
Go to PC settings to activate Windows.
10:13 AM
14-Sep-23


TC
a=5, b=40, c=2.500000
Activate Windows
Go to PC settings to activate Windows.
10:13 AM
14-Sep-23

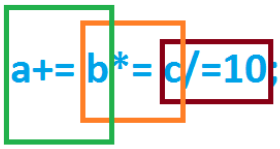

TC
File Edit Run Compile Project Options Debug Break/watch
Edit
Line 6 Col 25 Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int a=10,b=3;
a+=b+5; /* a=a+b+5; */
clrscr();
printf("a=%d, b=%d", a,b);
getch();
}
Activate Windows
Go to PC settings to activate Windows.
10:15 AM
14-Sep-23


TC
a=18, b=3
Activate Windows
Go to PC settings to activate Windows.
10:16 AM
14-Sep-23


TC
File Edit Run Compile Project Options Debug Break/watch
Edit
Line 8 Col 33 Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int a=10.4,b=30.5,c=55.1;
a+=b*=c/=10.5;
clrscr();
printf("a=%d, b=%d, c=%d", a,b,c);
getch();
}
Activate Windows
Go to PC settings to activate Windows.
10:20 AM
14-Sep-23


TC
a=160, b=150, c=5
Activate Windows
Go to PC settings to activate Windows.
10:20 AM
14-Sep-23

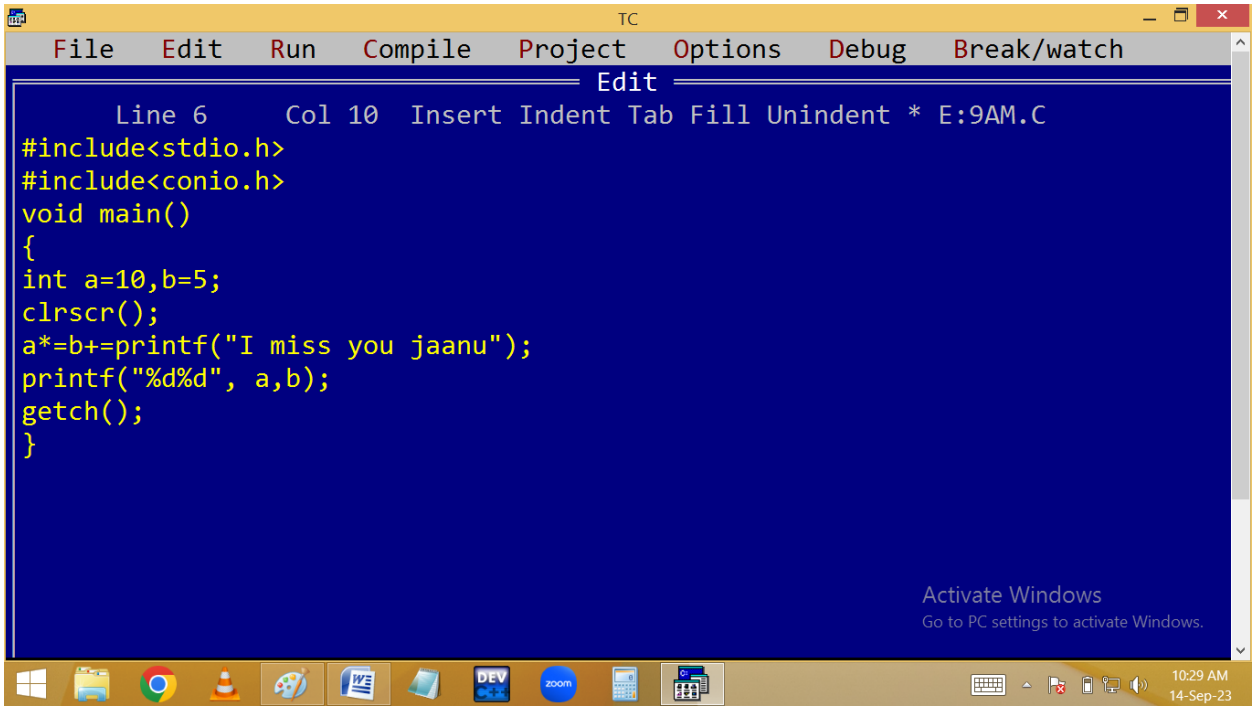
a=10 b=30 c=55

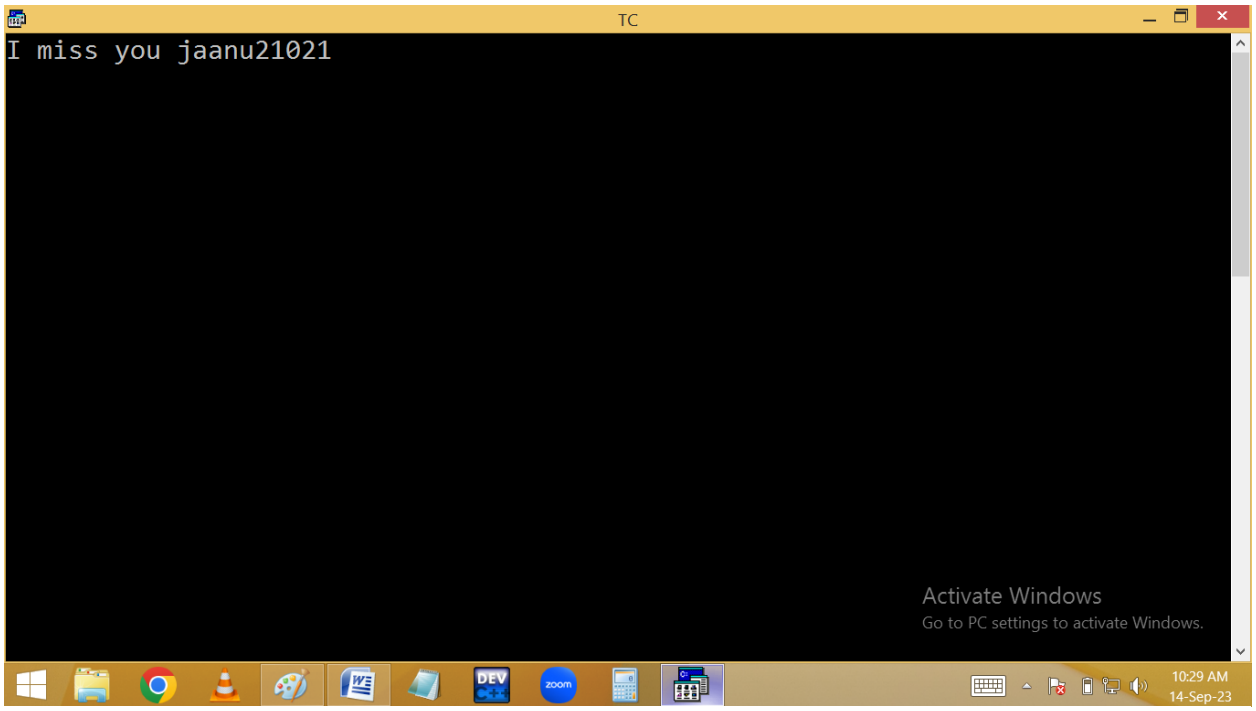


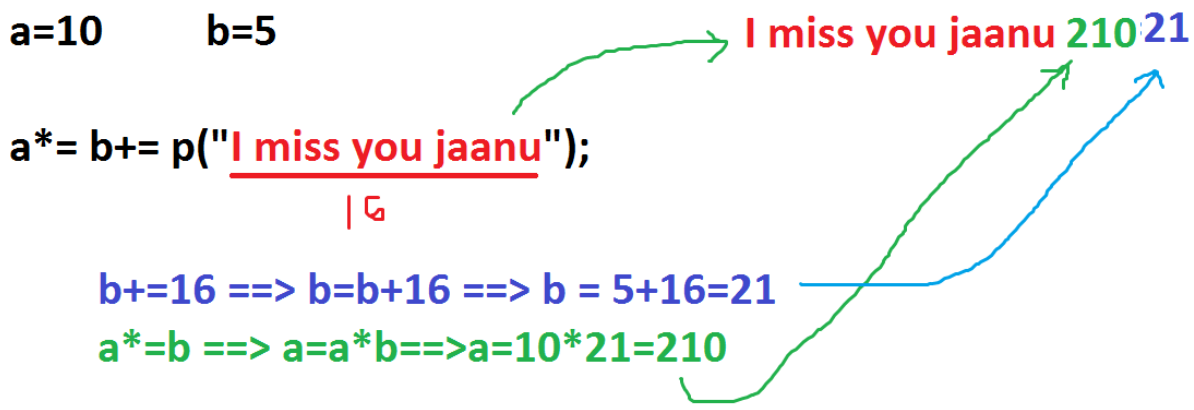

c/=10==>c=c/10==>c=55/10=5

b*=c==> b=b*c==>b=30*5=150

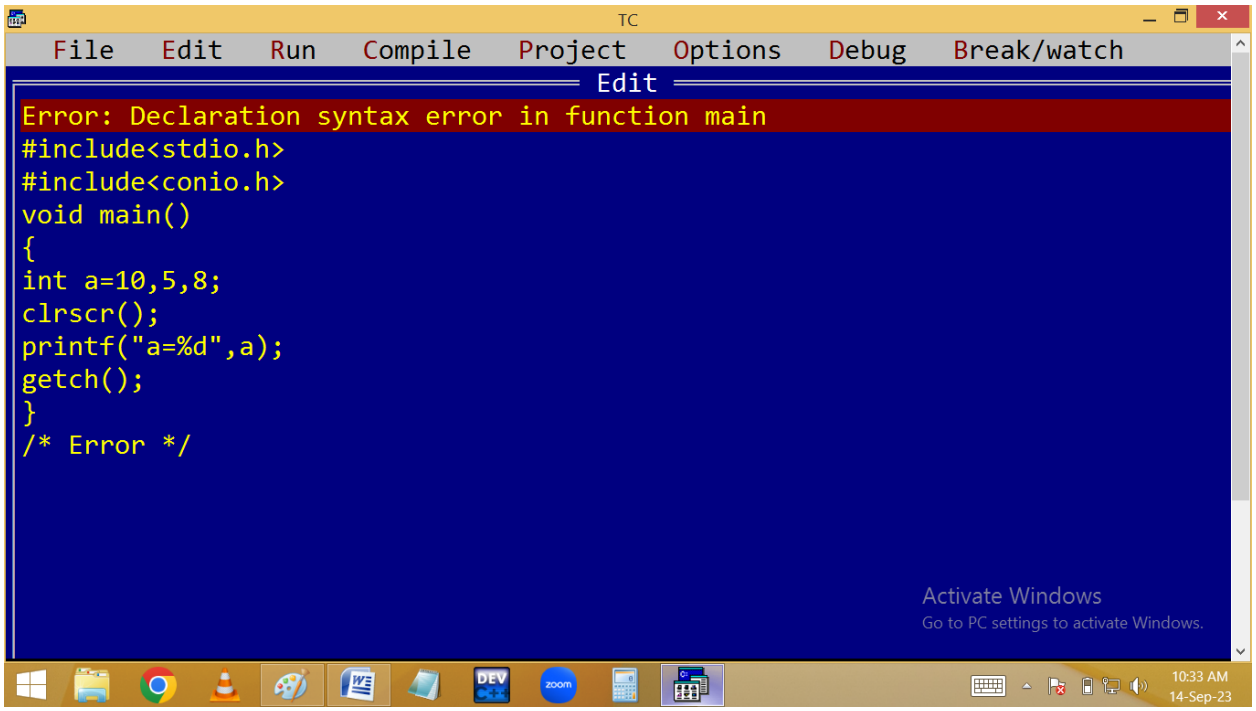
a+=b==>a=a+b==>a=10+150=160






**() and , separators:**


TC
File Edit Run Compile Project Options Debug Break/watch
Edit
Error: Declaration syntax error in function main
#include<stdio.h>
#include<conio.h>
void main()
{
int a=10,5,8;
clrscr();
printf("a=%d",a);
getch();
}
/* Error */
Activate Windows
Go to PC settings to activate Windows.
10:33 AM
14-Sep-23

TC

File Edit Run Compile Project Options Debug Break/watch

Edit

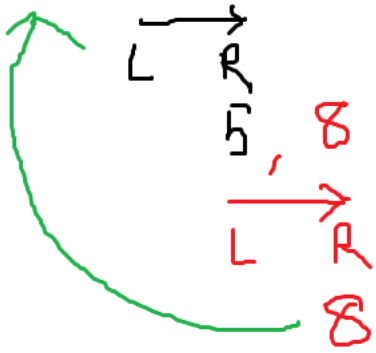
Line 10 Col 7 Insert Indent Tab Fill Unindent * E:9AM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
int a=(10,5,8);
clrscr();
printf("a=%d",a);
getch();
}
/* a=8_*/
```

Activate Windows
Go to PC settings to activate Windows.

10:42 AM
14-Sep-23

int a = ( 10, 5, 8 );

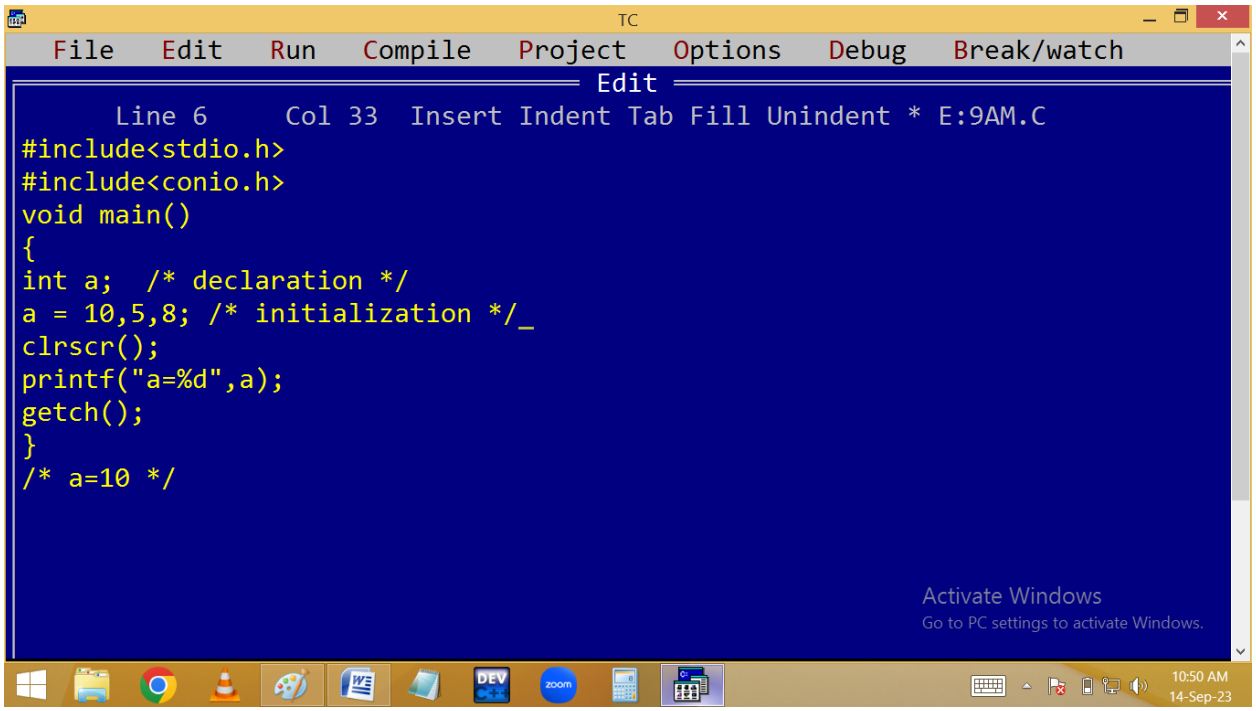


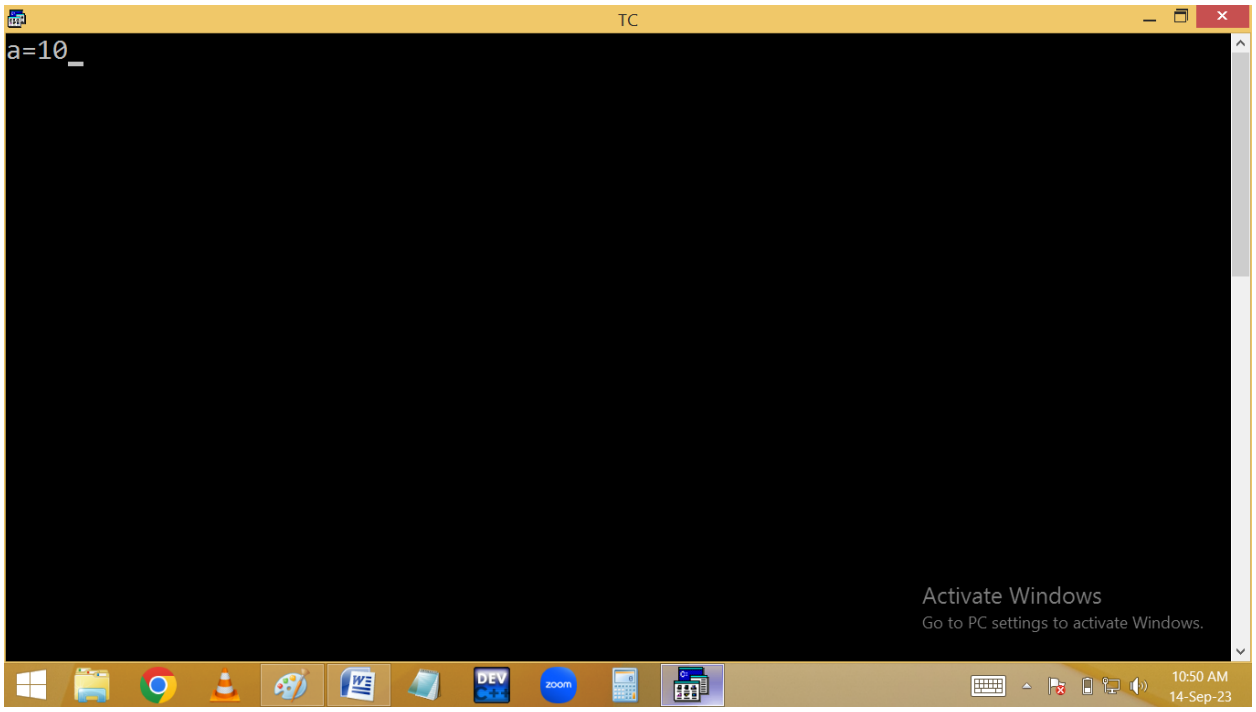

~~a=10~~

~~a=5;~~

a=8

p(a)==>8


TC
File Edit Run Compile Project Options Debug Break/watch
Edit
Line 6 Col 33 Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int a; /* declaration */
a = 10,5,8; /* initialization */_
clrscr();
printf("a=%d",a);
getch();
}
/* a=10 */
Activate Windows
Go to PC settings to activate Windows.
10:50 AM
14-Sep-23


TC
a=10_
Activate Windows
Go to PC settings to activate Windows.
10:50 AM
14-Sep-23