

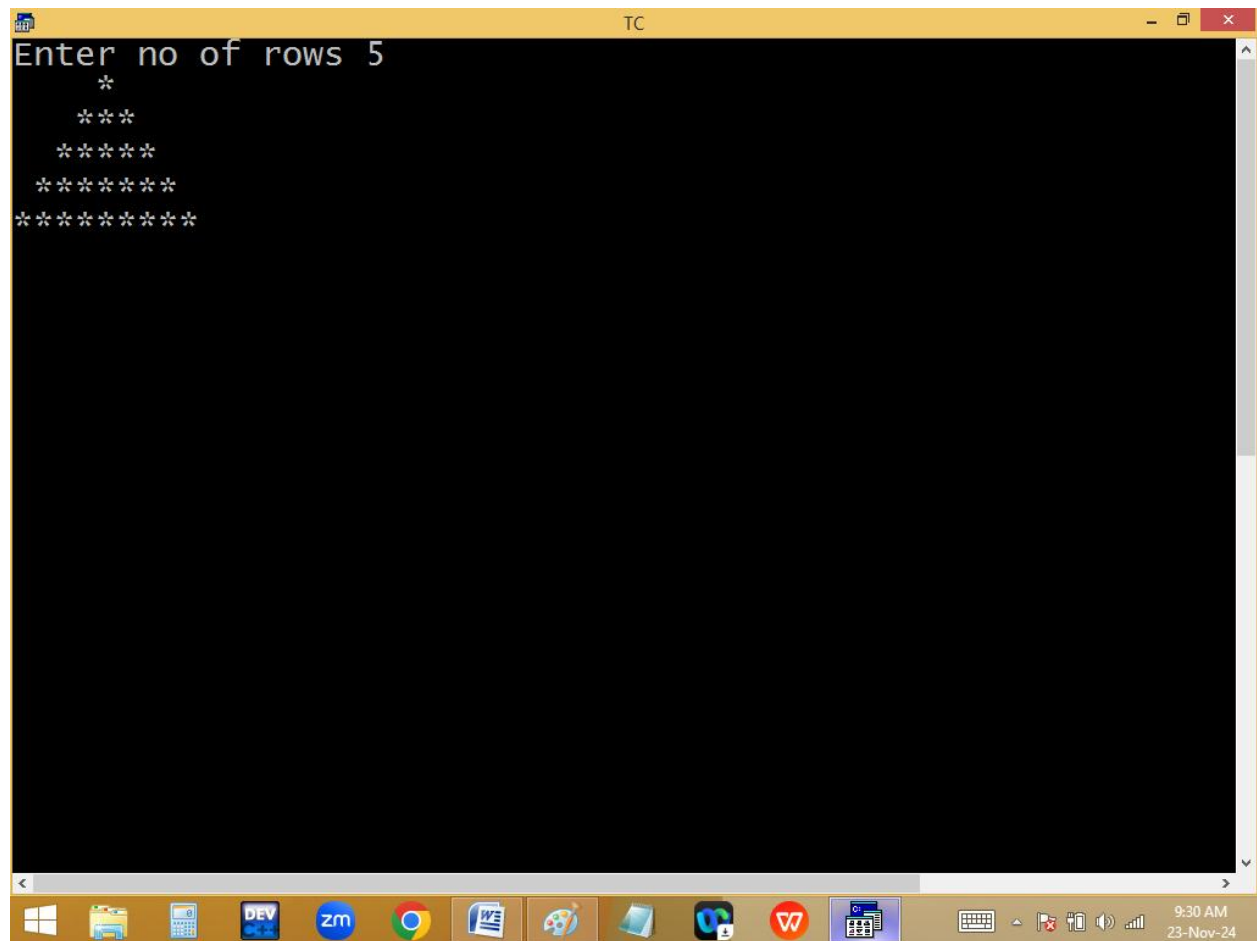
```
TC
File Edit Run Compile Project Options Debug
Line 14 Col 12 Insert Indent Tab Fill Unindent * E
#include<stdio.h>
#include<conio.h>
void main()
{
int n,r,c,s;
clrscr();

printf("Enter no of rows ");
scanf("%d",&n);
for( r=1; r<=n; r++ )
{
for(s=1;s<=n-r;s++)printf(" ");
for( c=1; c<=r; c++)printf("**");
printf("\b \n");
}
getch();
}
```

F1 Help F5 Zoom F6 Switch F7 Trace F8 Stop F9 Make F10

9:30 AM
23-Nov-24

```
TC
Enter no of rows 5
*
***
*****
*****
*****
```

A screenshot of a Windows 10 desktop. The main window is titled 'TC' and contains a text-based program. The program prompts the user to 'Enter no of rows 5' and then displays a pattern of asterisks: a single asterisk on the first line, followed by three asterisks on the second, five on the third, five on the fourth, and five on the fifth. The desktop background is black. The taskbar at the bottom shows several application icons: Windows Start button, File Explorer, Calculator, DEV C++, Zoom, Google Chrome, Microsoft Word, a game controller icon, a folder icon, a blue icon with a white 'G', a red icon with a white 'W', and a blue icon with a white 'G'. The system tray on the right shows the time as 9:30 AM on 23-Nov-24, along with icons for keyboard, network, and volume.

Without using \b:

```
TC
File Edit Run Compile Project Options Debug
Line 13 Col 34 Insert Indent Tab Fill Unindent * E
#include<stdio.h>
#include<conio.h>
void main()
{
int n,r,c,s;
clrscr();

printf("Enter no of rows ");
scanf("%d",&n);
for( r=1; r<=n; r++ )
{
for(s=1;s<=n-r;s++)printf(" ");
for( c=1; c<=2*r-1; c++)printf("*_");
printf("\n");
}
getch();
}
```

F1 Help F5 Zoom F6 Switch F7 Trace F8 Stop F9 Make F10

9:31 AM
23-Nov-24

```

Enter no of rows 10
      *
     ***
    *****
   *********
  ***********
 *****
*****
*****
*****
*****
*****
*****
*****
*****
*****

```

```

for( r=1; r<=4; r++ )
{
for(s=1;s<=n-r;s++)p(" ");
for(c=1;c<=r;c++)p("***");
p("\n");
}

```

$$\begin{aligned}
 & \underline{2*r-1} \\
 & 2*1-1=1 \\
 & 2*2-1=3 \\
 & 2*3-1=5 \\
 & 2*4-1=7
 \end{aligned}$$

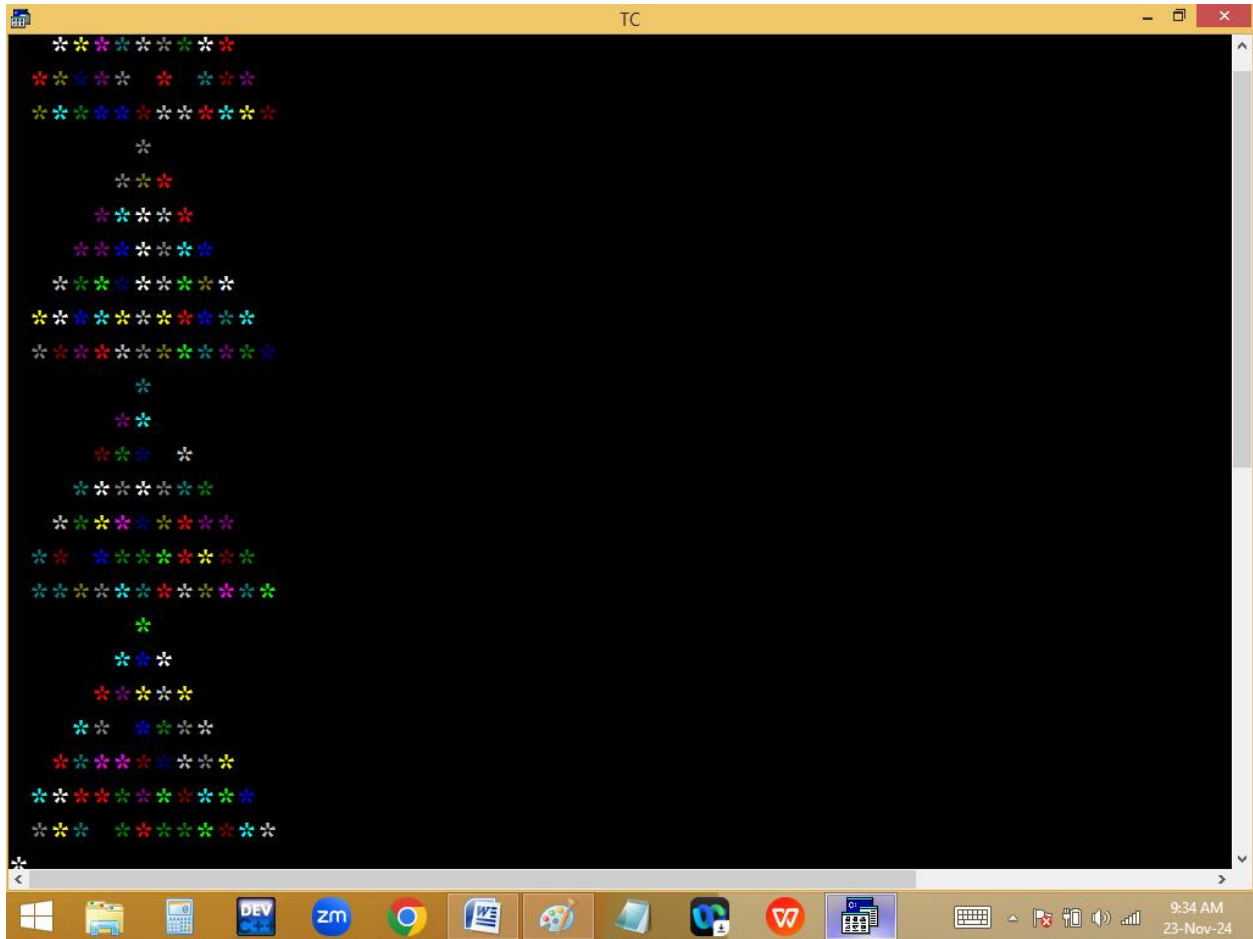
$$\begin{array}{rcl}
 \frac{n}{4} & - & \frac{y}{1} = \underline{3} \\
 4 & - & 2 = 2 \\
 4 & - & 3 = 1 \\
 4 & - & 4 = 0
 \end{array}$$



```
TC
File Edit Run Compile Project Options Debug
Line 8 Col 1 Insert Indent Tab Fill Unindent * E
#include<stdio.h>
#include<conio.h>
#include<stdlib.h>
void main()
{
int n,r,c,s;
clrscr();
printf("Enter no of rows ");
scanf("%d",&n);
while(!kbhit())
{
for( r=1; r<=n; r++ )
{
for(s=1;s<=n-r;s++)cprintf(" ");
for( c=1; c<=2*r-1; c++)
{
textcolor(random(16));cprintf("*");
}
printf("\n");
}
}
```

F1 Help F5 Zoom F6 Switch F7 Trace F8 Stop F9 Make F10

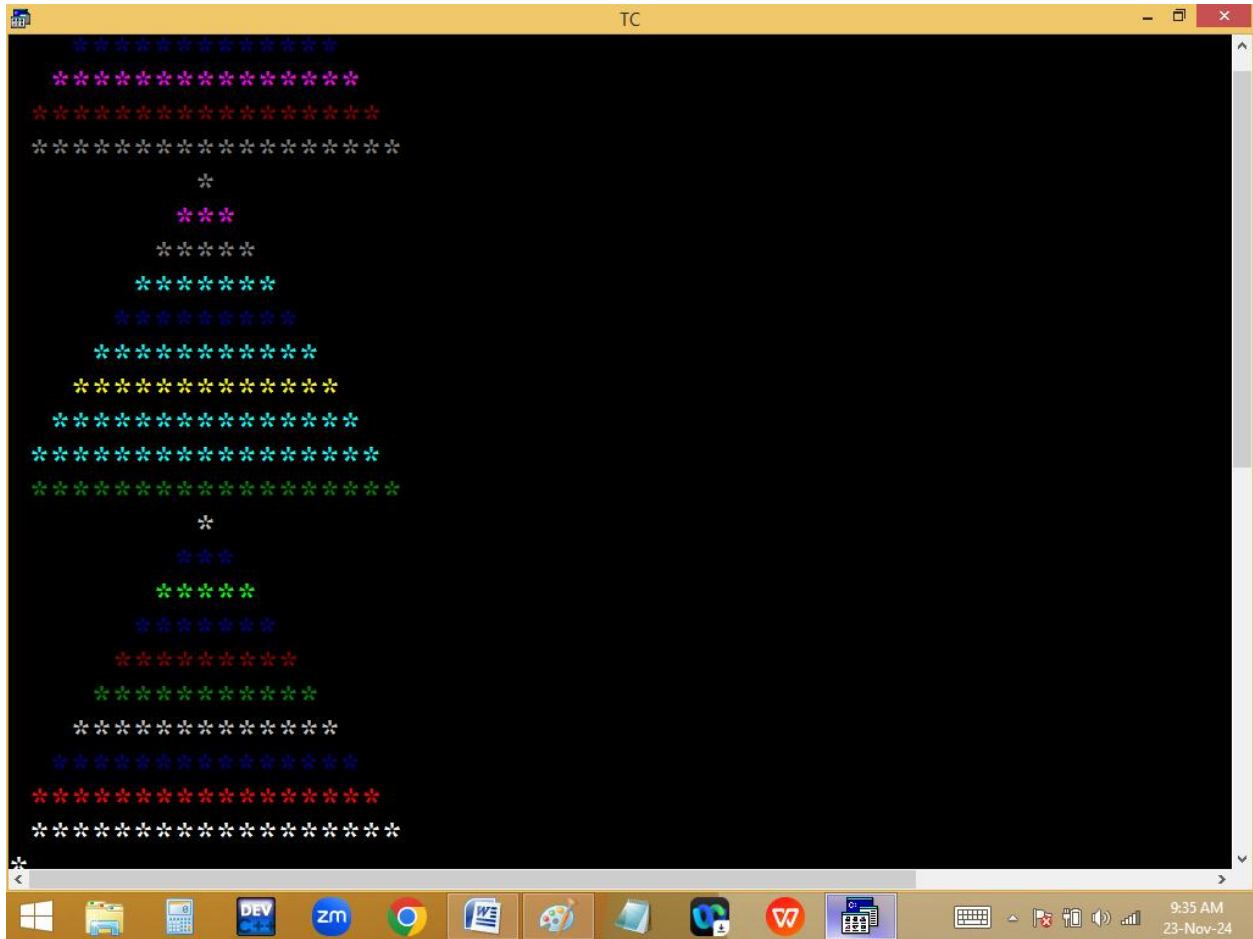
9:34 AM
23-Nov-24

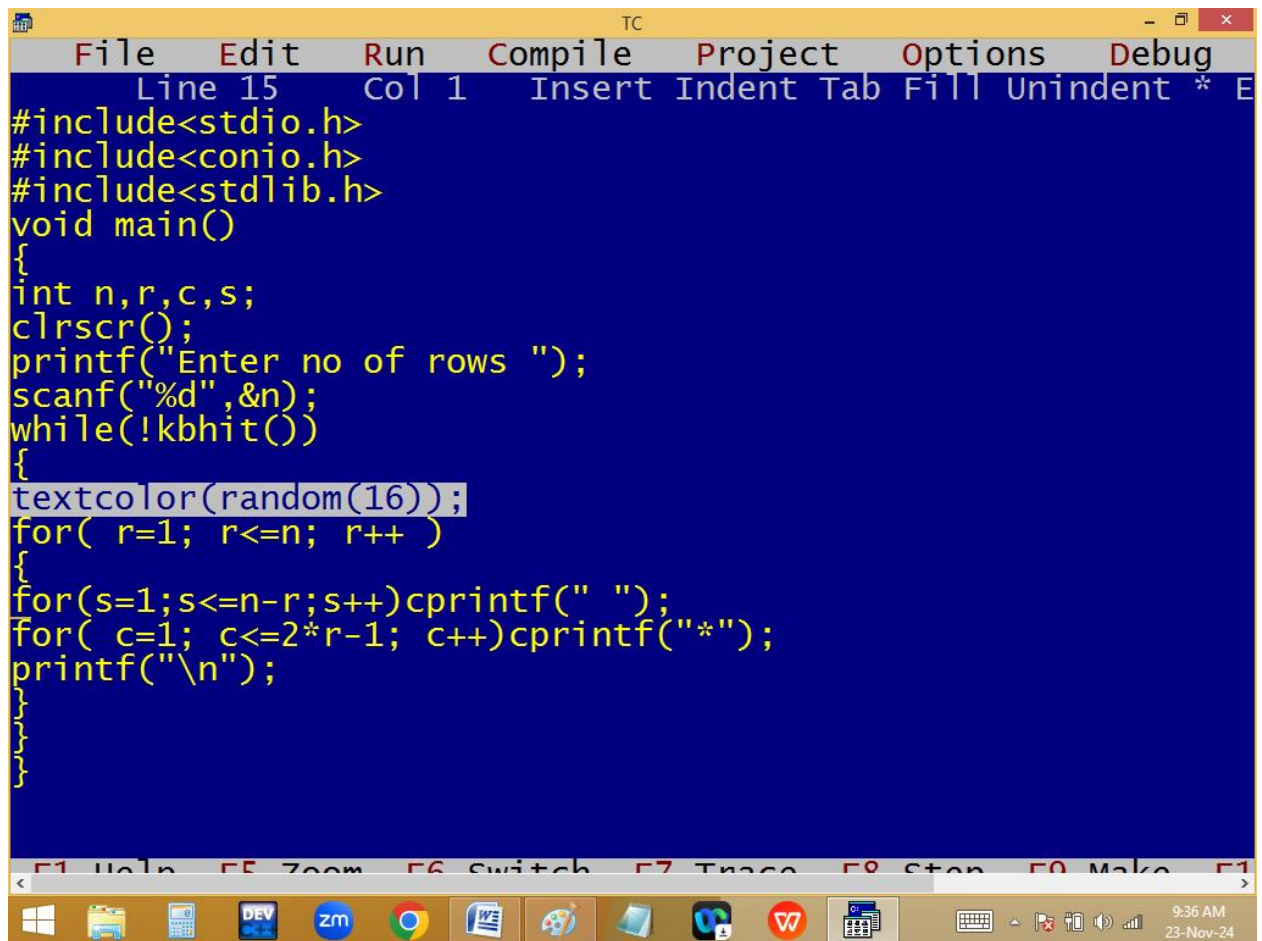


```
TC
File Edit Run Compile Project Options Debug
Line 14 Col 1 Insert Indent Tab Fill Unindent * E
#include<stdio.h>
#include<conio.h>
#include<stdlib.h>
void main()
{
int n,r,c,s;
clrscr();
printf("Enter no of rows ");
scanf("%d",&n);
while(!kbhit())
{
for( r=1; r<=n; r++ )
{
textcolor(random(16));
for(s=1;s<=n-r;s++)cprintf(" ");
for( c=1; c<=2*r-1; c++)cprintf("*");
printf("\n");
}
}
}
```

F1 Help F5 Zoom F6 Switch F7 Trace F8 Stop F9 Make F10

9:35 AM
23-Nov-24

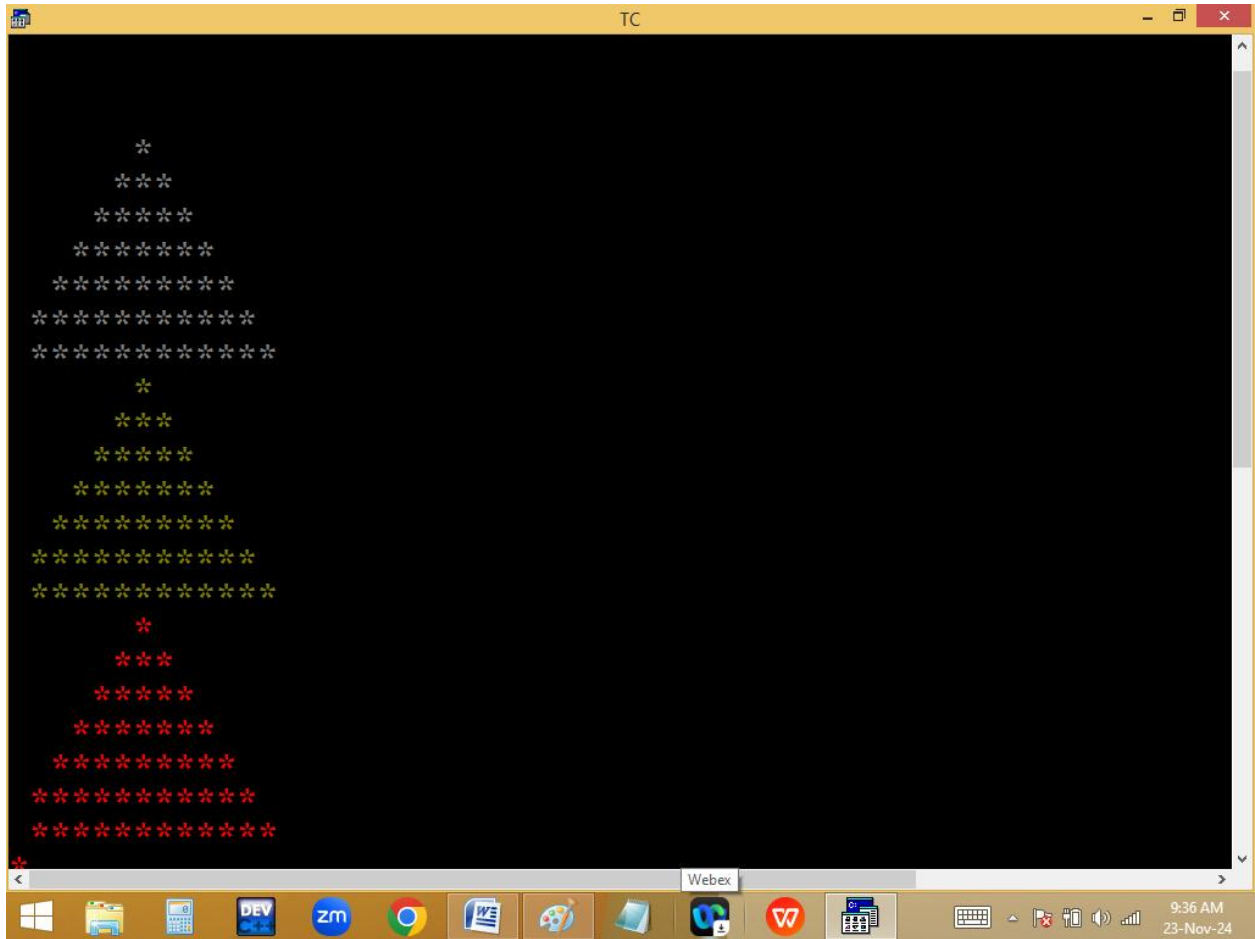




The image shows a screenshot of a Turbo C++ (TC) IDE window. The title bar reads "TC". The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". Below the menu bar, a status bar shows "Line 15", "Col 1", and a list of keyboard shortcuts: "Insert", "Indent", "Tab", "Fill", "Unindent", "*", and "E". The main editing area has a blue background and contains the following C code:

```
#include<stdio.h>
#include<conio.h>
#include<stdlib.h>
void main()
{
    int n,r,c,s;
    clrscr();
    printf("Enter no of rows ");
    scanf("%d",&n);
    while(!kbhit())
    {
        textcolor(random(16));
        for( r=1; r<=n; r++ )
        {
            for(s=1;s<=n-r;s++)cprintf(" ");
            for( c=1; c<=2*r-1; c++)cprintf("*");
            printf("\n");
        }
    }
}
```

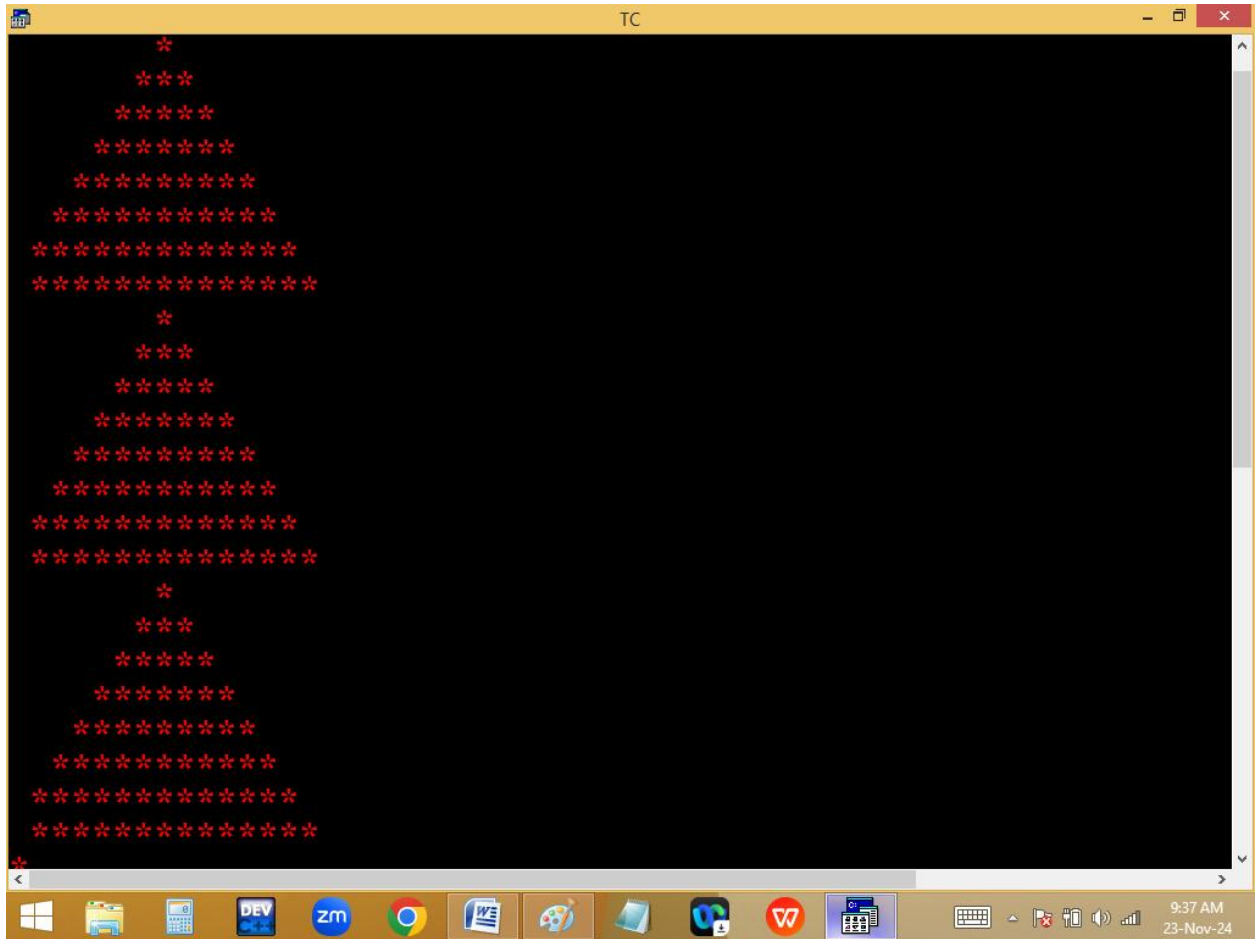
At the bottom of the window, there is a toolbar with icons for various functions and a status bar showing the time "9:36 AM" and date "23-Nov-24".



```
TC
File Edit Run Compile Project Options Debug
Line 12 Col 19 Insert Indent Tab Fill Unindent * E
#include<stdio.h>
#include<conio.h>
#include<stdlib.h>
void main()
{
int n,r,c,s;
clrscr();
printf("Enter no of rows ");
scanf("%d",&n);
while(!kbhit())
{
textcolor(LIGHTRED);
for( r=1; r<=n; r++ )
{
for(s=1;s<=n-r;s++)cprintf(" ");
for( c=1; c<=2*r-1; c++)cprintf("*");
printf("\n");
}
}
}
```

F1 Help F5 Zoom F6 Switch F7 Trace F8 Stop F9 Make F10

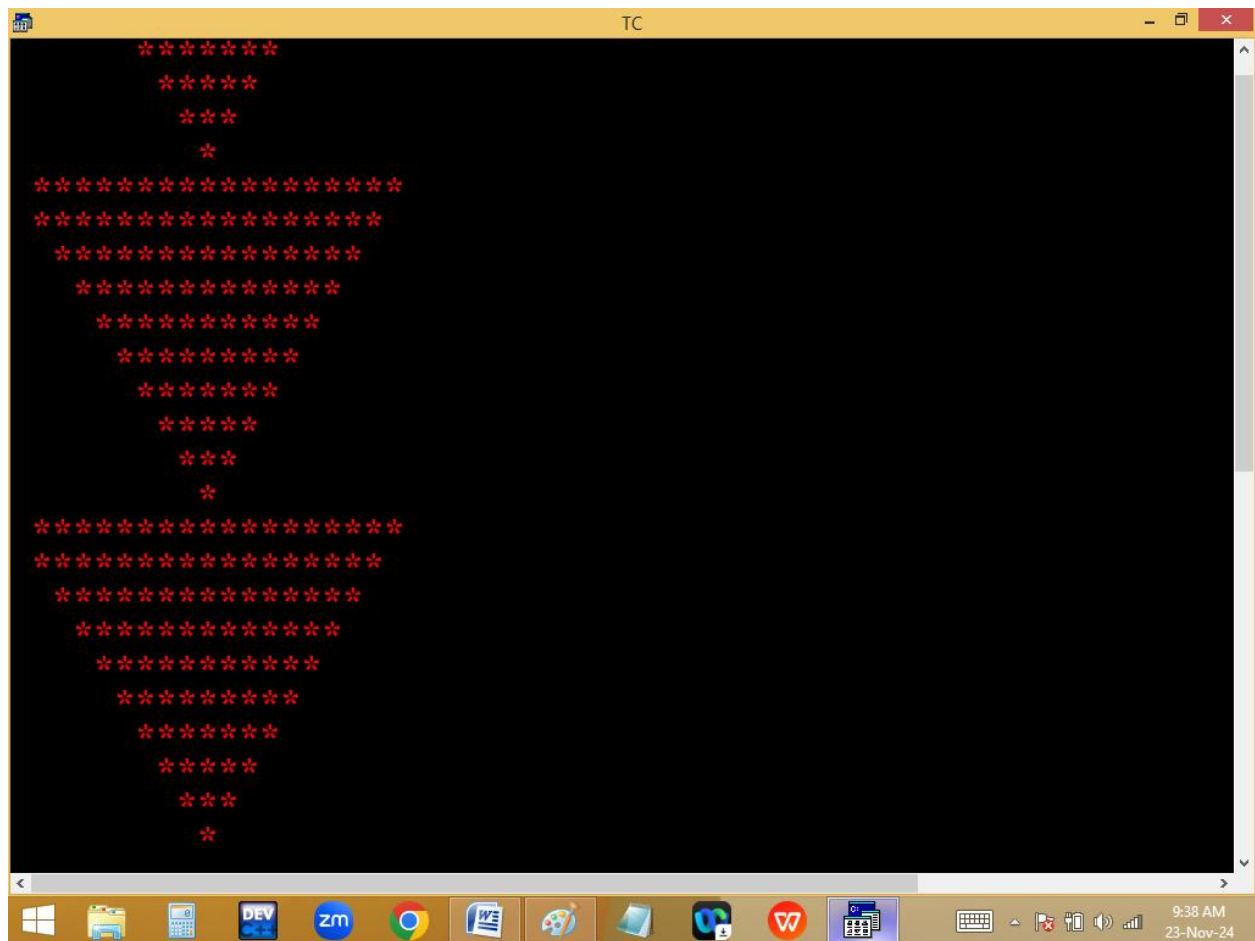
9:37 AM
23-Nov-24



```
TC
File Edit Run Compile Project Options Debug
Line 13 Col 20 Insert Indent Tab Fill Unindent * E
#include<stdio.h>
#include<conio.h>
#include<stdlib.h>
void main()
{
int n,r,c,s;
clrscr();
printf("Enter no of rows ");
scanf("%d",&n);
while(!kbhit())
{
textcolor(LIGHTRED);
for( r=n; r>=1; r-- )
{
for(s=1;s<=n-r;s++)cprintf(" ");
for( c=1; c<=2*r-1; c++)cprintf("*");
printf("\n");
}
}
}
```

F1 Help F5 Zoom F6 Switch F7 Trace F8 Stop F9 Make F10

9:38 AM
23-Nov-24




```
TC
File Edit Run Compile Project Options Debug
Line 6 Col 13 Insert Indent Tab Fill Unindent * E
#include<stdio.h>
#include<conio.h>
#include<stdlib.h>
void main()
{
int n,r,c,s;clrscr();
printf("Enter no of rows ");
scanf("%d",&n);
for( r=1; r<=n; r++ )
{
for(s=1;s<=n-r;s++)printf(" ");
for( c=1; c<=2*r-1; c++)printf("*");
printf("\n");
}
for( r=n-1; r>=1; r-- )
{
for(s=1;s<=n-r;s++)printf(" ");
for( c=1; c<=2*r-1; c++)printf("*");
printf("\n");
}
getch();
}
```

F1 Help F5 Zoom F6 Switch F7 Trace F8 Stop F9 Make F10

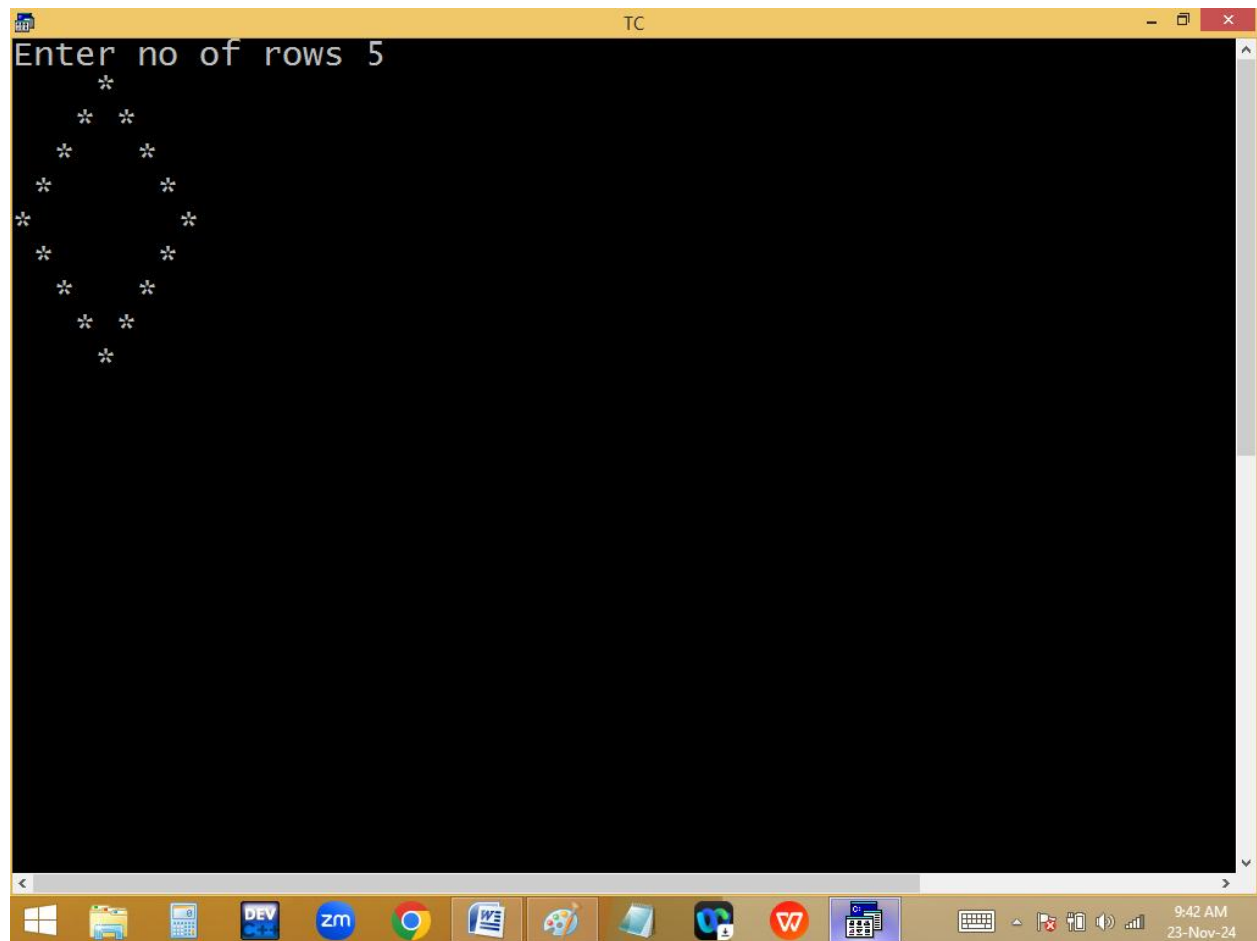
9:40 AM
23-Nov-24

```
TC
Enter no of rows 5
  *
 ***
*****
*****
*****
*****
  *
 ***
  *
```



The taskbar shows icons for Windows, File Explorer, Calculator, DEV, zm, Chrome, Word, a game controller, a folder, a blue icon, a red 'W' icon, and a calendar. The system tray on the right includes icons for keyboard, mouse, network, and volume, along with the date and time: 9:40 AM, 23-Nov-24.


```
TC
File Edit Run Compile Project Options Debug
Line 1 Col 19 Insert Indent Tab Fill Unindent * E
#include<stdio.h> #include<conio.h>
void main()
{
int n,r,c,s;clrscr();
printf("Enter no of rows ");
scanf("%d",&n);
for( r=1; r<=n; r++ )
{
for(s=1;s<=n-r;s++)printf(" ");
for( c=1; c<=2*r-1; c++)
if(c==1||c==r)printf("* ");else printf(" ");
printf("\n");
}
for( r=n-1; r>=1; r-- )
{
for(s=1;s<=n-r;s++)printf(" ");
for( c=1; c<=2*r-1; c++)
if(c==1||c==r)printf("* ");else printf(" ");
printf("\n");
}
getch();
}
F1 Help F5 Zoom F6 Switch F7 Trace F8 Stop F9 Make F10
```



```
TC
File Edit Run Compile Project Options Debug
Line 12 Col 32 Insert Indent Tab Fill Unindent * E
#include<stdio.h>
#include<conio.h>
void main()
{
int n,r,c,s;clrscr();
printf("Enter no of rows ");
scanf("%d",&n);
for( r=1; r<=n; r++ )
{
for(s=1;s<=n-r;s++)printf(" ");
for( c=1; c<=r; c++)printf("%2d",c);
for( c=r-1; c>=1;c--)printf("%2d",c);
printf("\n");
}
getch();
}
```

F1 Help F5 Zoom F6 Switch F7 Trace F8 Stop F9 Make F10

9:48 AM
23-Nov-24

```
TC
Enter no of rows 12

      1
     1 2 1
    1 2 3 2 1
   1 2 3 4 3 2 1
  1 2 3 4 5 4 3 2 1
 1 2 3 4 5 6 5 4 3 2 1
1 2 3 4 5 6 7 6 5 4 3 2 1
1 2 3 4 5 6 7 8 7 6 5 4 3 2 1
1 2 3 4 5 6 7 8 9 8 7 6 5 4 3 2 1
1 2 3 4 5 6 7 8 9 10 9 8 7 6 5 4 3 2 1
1 2 3 4 5 6 7 8 9 10 11 10 9 8 7 6 5 4 3 2 1
```

PASCAL TRIANGLE:

```
TC
File Edit Run Compile Project Options Debug
Line 14 Col 12 Insert Indent Tab Fill Unindent * E
#include<stdio.h>
#include<conio.h>
void main()
{
int n,r,c,s,a;clrscr();
printf("Enter no of rows ");
scanf("%d",&n);
for( r=0; r<n; r++ )
{
for(s=1;s<n-r;s++)printf("  ");
for(c=0; c<=r; c++)
{
if(c==0||c==r)a=1;else a=a*(r-c+1)/c;
printf("%4d",a);
}
printf("\n");
}
getch();
}
```

F1 Help F5 Zoom F6 Switch F7 Trace F8 Stop F9 Make F10

10:04 AM
23-Nov-24

```

Enter no of rows 10
      1
     1 1
    1 2 1
   1 3 3 1
  1 4 6 4 1
 1 5 10 10 5 1
1 6 15 20 15 6 1
1 7 21 35 35 21 7 1
1 8 28 56 70 56 28 8 1
1 9 36 84 126 126 84 36 9 1

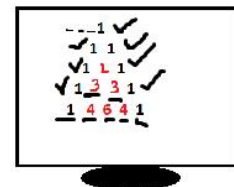
```

```

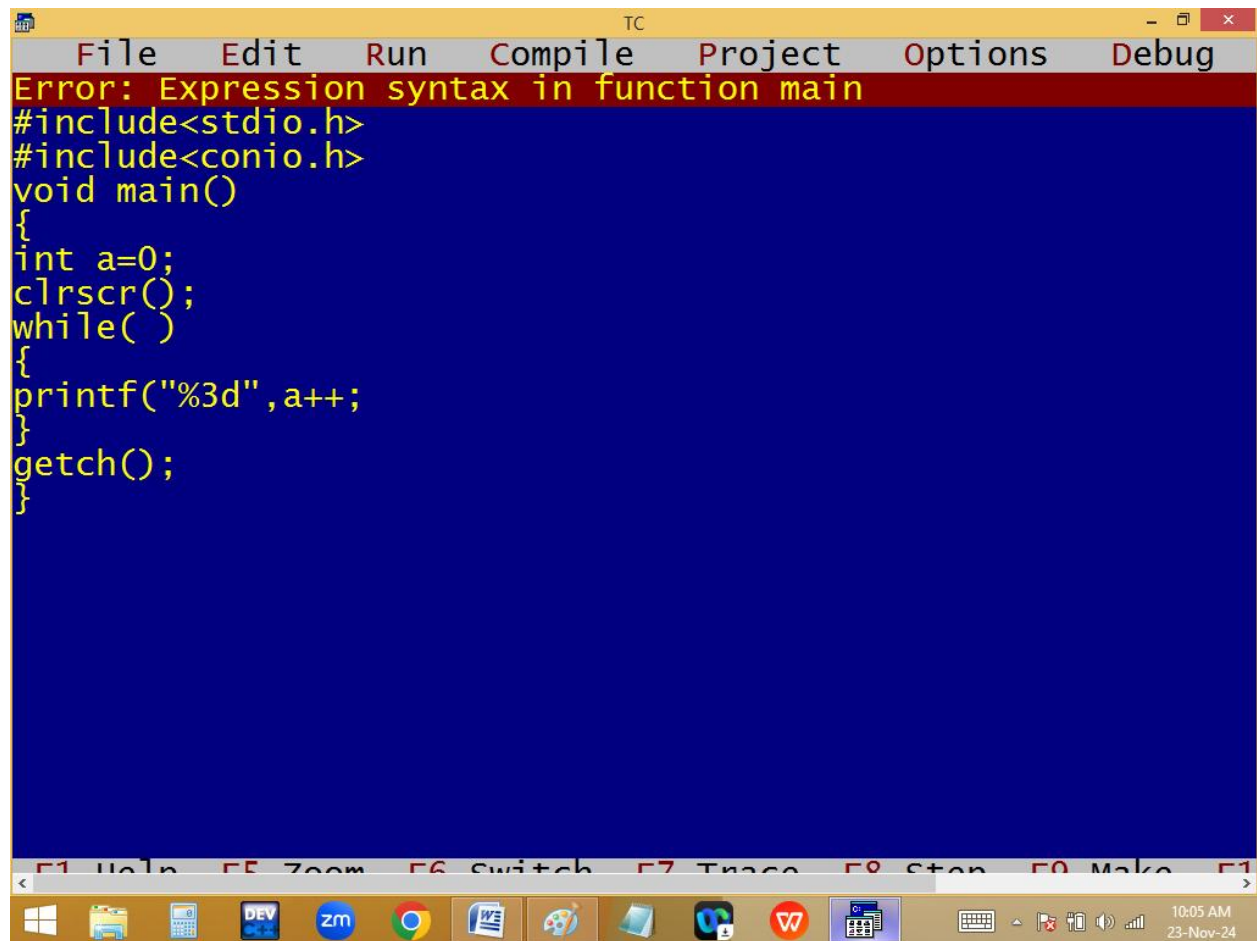
for( r=0; r<n; r++ )
{
for( s=1; s<=n-r;s++)p(" ");
for(c=0;c<r;c++)
{
if(c==0 | c==r)a=1; ✓
else a=a*(r-c+1)/c;
p(a); ✓
}
p("\n");
}

```

$\frac{n}{r}$	$\frac{r}{c}$	$\frac{c}{a}$	$\frac{a}{r}$
1	0	0	1
1	0	1	1
1	0	2	$1 * (2-1+1)/1=2$
3	0	2	$1 * (3-1+1)/1=3$
6	0	2	$3 * (3-2+1)/2=3$
		3	$1 * (4-1+1)/1=4$
		4	$4 * (4-2+1)/2=6$
		6	$6 * (4-3+1)/3=4$
		1	1



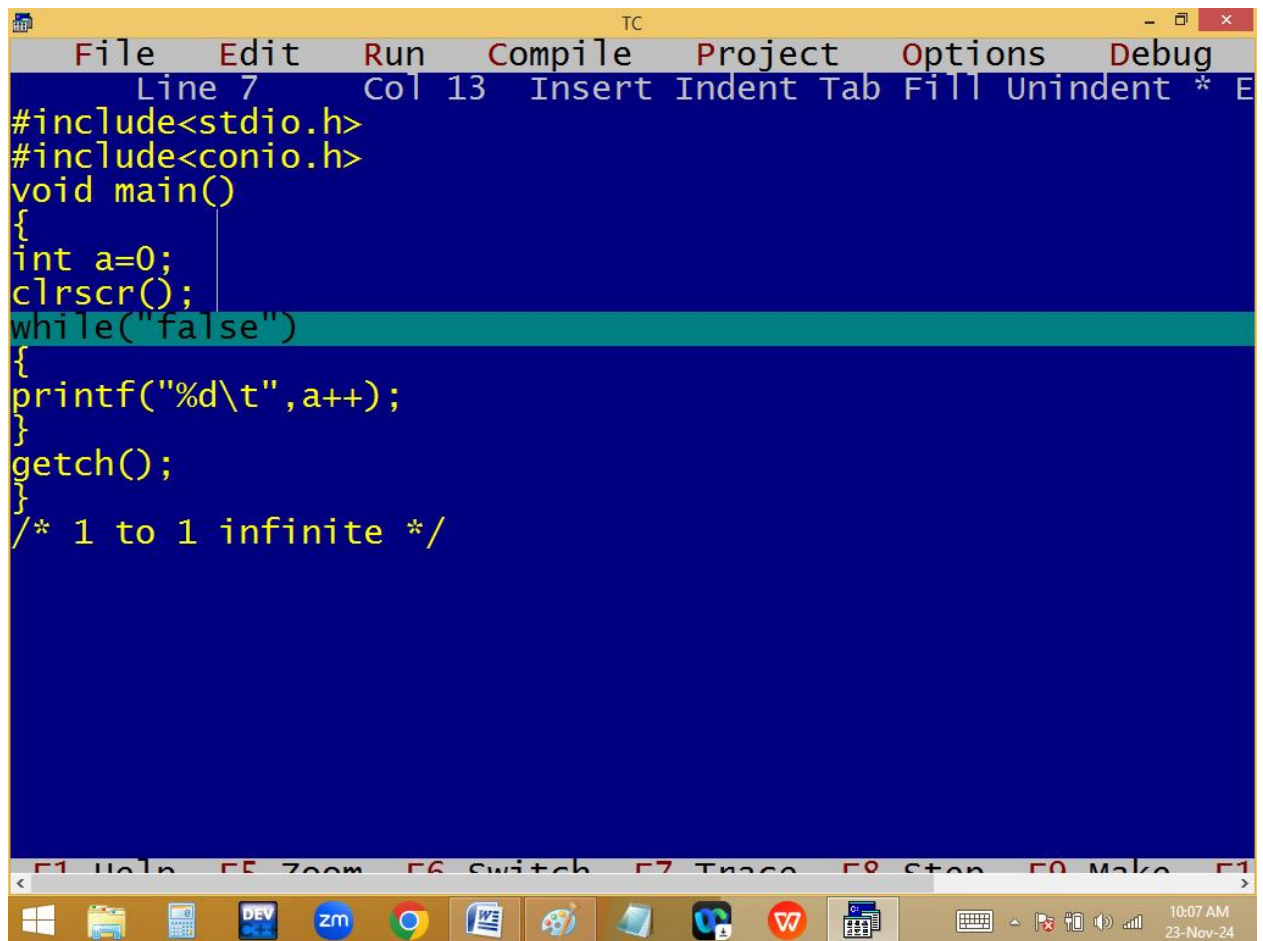
Interview questions:



The image shows a screenshot of the Turbo C++ (TC) IDE. The title bar at the top reads "TC". The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". A red error message banner at the top of the code editor states: "Error: Expression syntax in function main". The code in the editor is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0;
clrscr();
while( )
{
printf("%3d",a++;
}
getch();
}
```

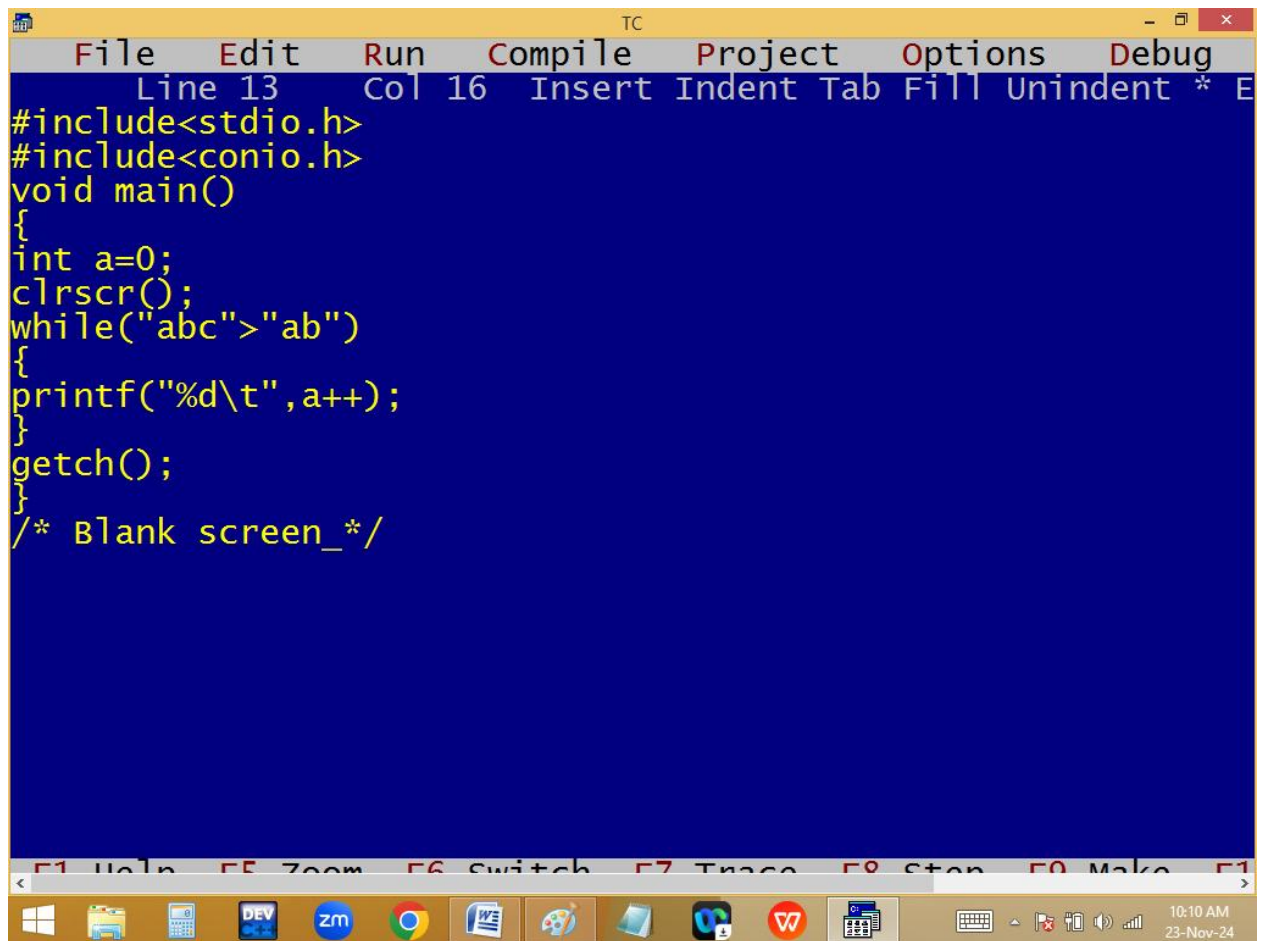
Below the code editor, there is a status bar with function key shortcuts: F1 Help, F5 Zoom, F6 Switch, F7 Trace, F8 Stop, F9 Make, and F10. The Windows taskbar is visible at the bottom, showing icons for Windows, File Explorer, Calculator, DEV C++, Zoom, Google Chrome, Word, and other applications. The system clock in the bottom right corner indicates the time is 10:05 AM on 23-Nov-24.



The image shows a screenshot of a Turbo C++ (TC) IDE window. The window has a yellow title bar with the text "TC" and standard window controls. The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". Below the menu bar, a status bar shows "Line 7", "Col 13", and a list of keyboard shortcuts: "Insert", "Indent", "Tab", "Fill", "Unindent", "*", and "E". The main editing area has a dark blue background with yellow text. The code is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0;
clrscr();
while("false")
{
printf("%d\t",a++);
}
getch();
}
/* 1 to 1 infinite */
```

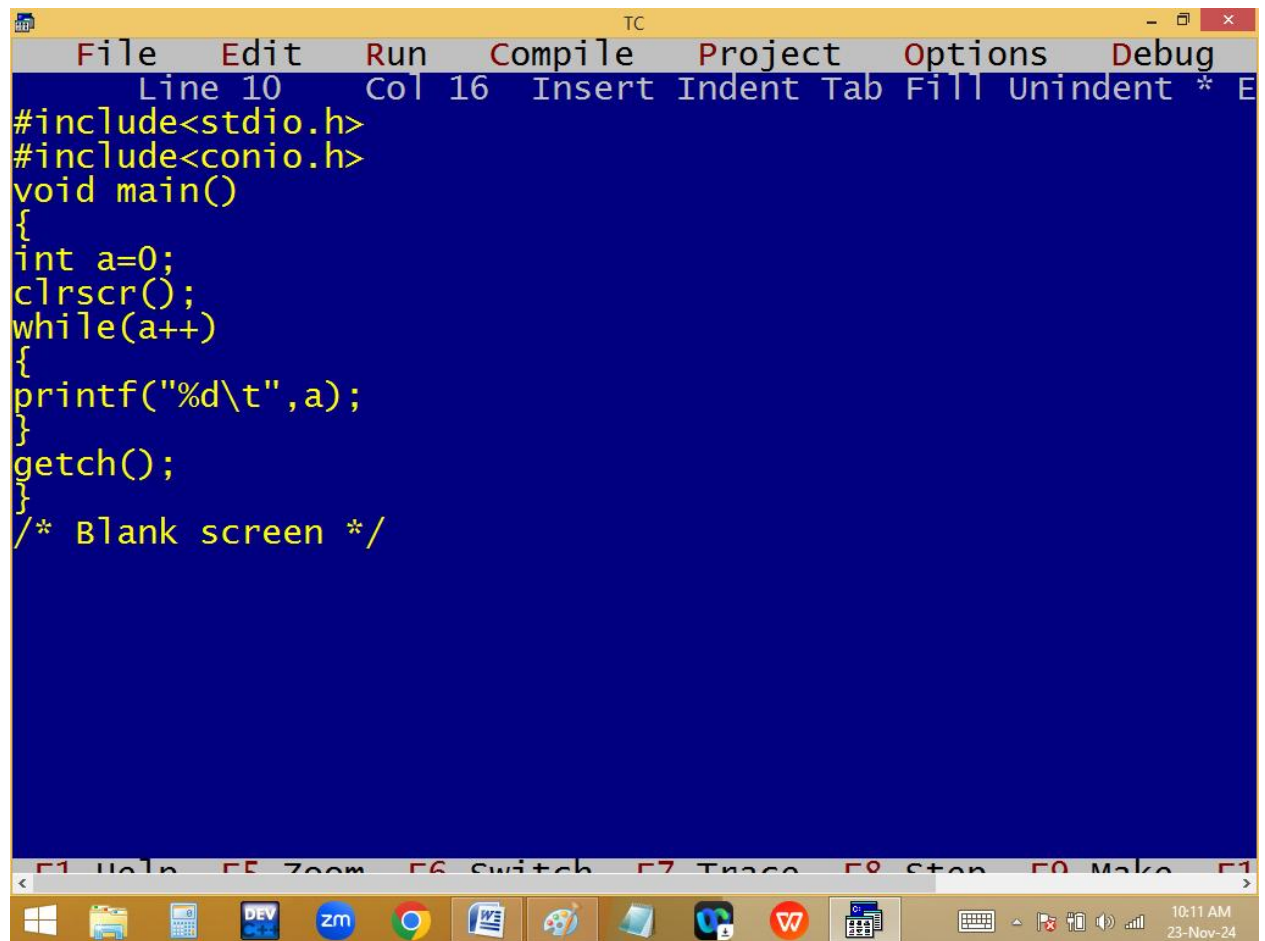
The line containing the while loop condition, `while("false")`, is highlighted with a green background. At the bottom of the window, there is a toolbar with icons for various functions and a status bar showing the time "10:07 AM" and date "23-Nov-24".



The image shows a screenshot of the Turbo C++ (TC) IDE. The window title is "TC". The menu bar includes File, Edit, Run, Compile, Project, Options, and Debug. The status bar at the top indicates "Line 13 Col 16" and lists keyboard shortcuts: Insert, Indent, Tab, Fill, Unindent, *, and E. The main editing area has a blue background and contains the following C code:

```
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0;
clrscr();
while("abc">"ab")
{
printf("%d\t",a++);
}
getch();
}
/* Blank screen_*/
```

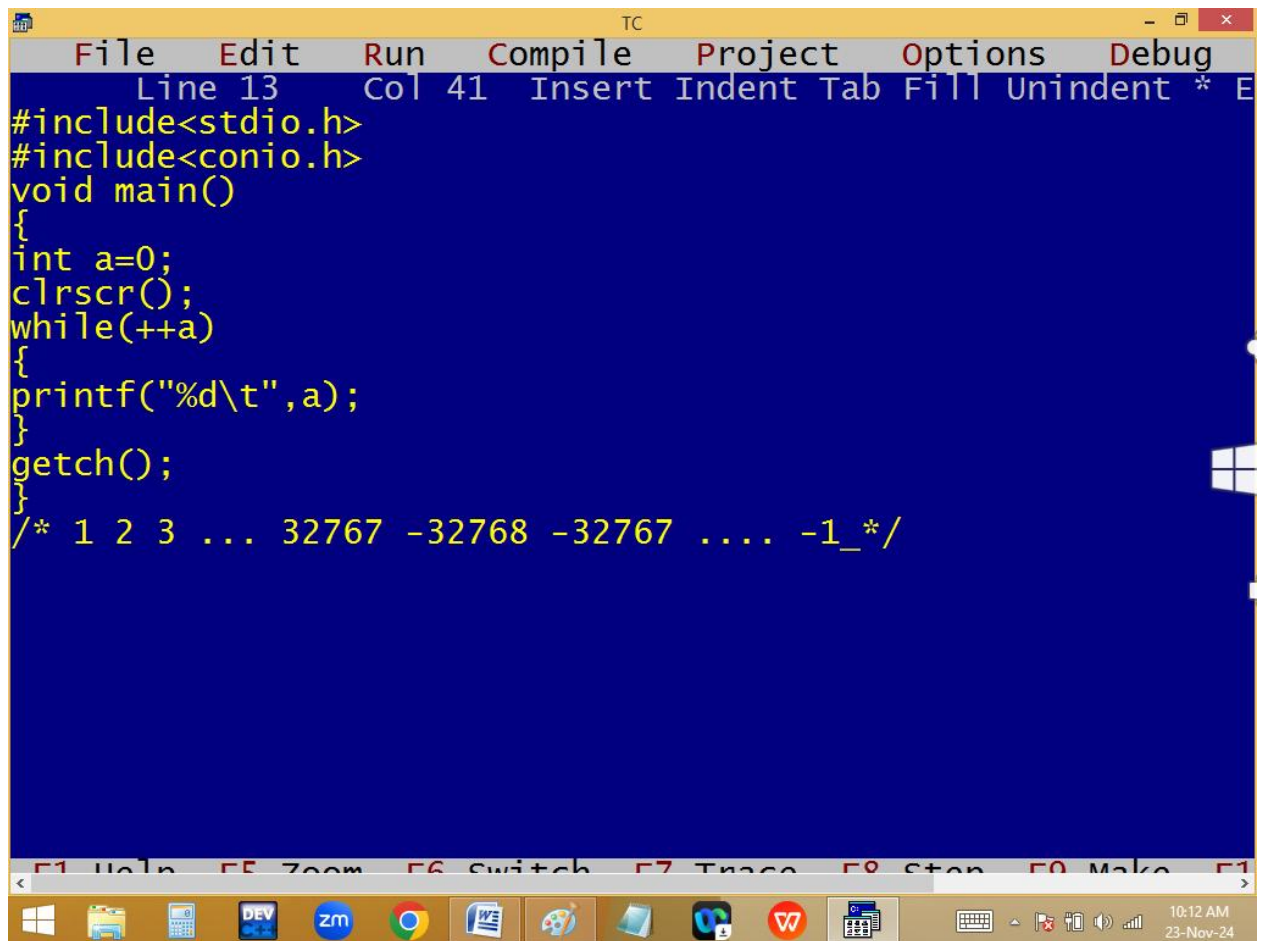
Below the code editor, there is a toolbar with function key shortcuts: F1 Help, F5 Zoom, F6 Switch, F7 Trace, F8 Stop, F9 Make, and F10. The Windows taskbar is visible at the bottom, showing icons for Windows, File Explorer, Calculator, DEV C++, Zoom, Google Chrome, Word, and other applications. The system clock in the bottom right corner shows "10:10 AM 23-Nov-24".



The image shows a screenshot of a Turbo C++ (TC) IDE window. The window has a yellow title bar with the text "TC" and standard window controls. The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". Below the menu bar, a status bar shows "Line 10", "Col 16", and a list of editing actions: "Insert", "Indent", "Tab", "Fill", "Unindent", and a prompt "* E". The main editing area has a dark blue background with yellow text. The code is as follows:

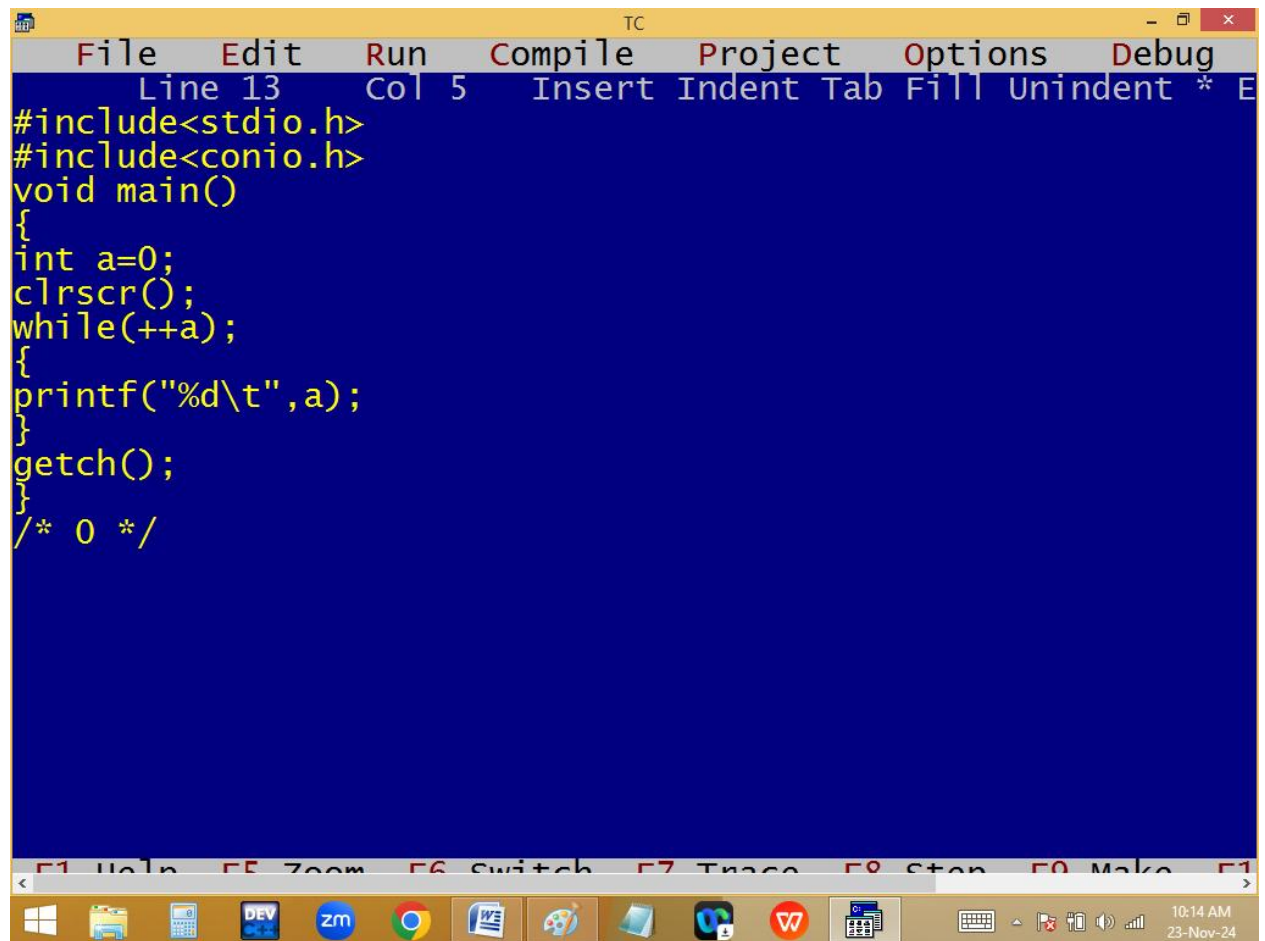
```
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0;
clrscr();
while(a++)
{
printf("%d\t",a);
}
getch();
}
/* Blank screen */
```

At the bottom of the window, there is a toolbar with icons for various functions, and a status bar showing the time "10:11 AM" and the date "23-Nov-24".



The image shows a screenshot of the Turbo C++ (TC) IDE. The window title is "TC". The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". The status bar at the top indicates "Line 13", "Col 41", and lists keyboard shortcuts: "Insert", "Indent", "Tab", "Fill", "Unindent", and "* E". The code is written in yellow text on a blue background. It includes headers for `stdio.h` and `conio.h`, and defines a `main` function. Inside `main`, it declares an integer `a` and sets it to 0. It then enters a `while` loop that increments `a` and prints its value using `printf`. The loop is terminated by `getch()`. A multi-line comment at the bottom describes the output as a diamond pattern of numbers from 1 to 32767 and back down to 1. The Windows taskbar is visible at the bottom, showing icons for various applications and the system clock indicating 10:12 AM on 23-Nov-24.

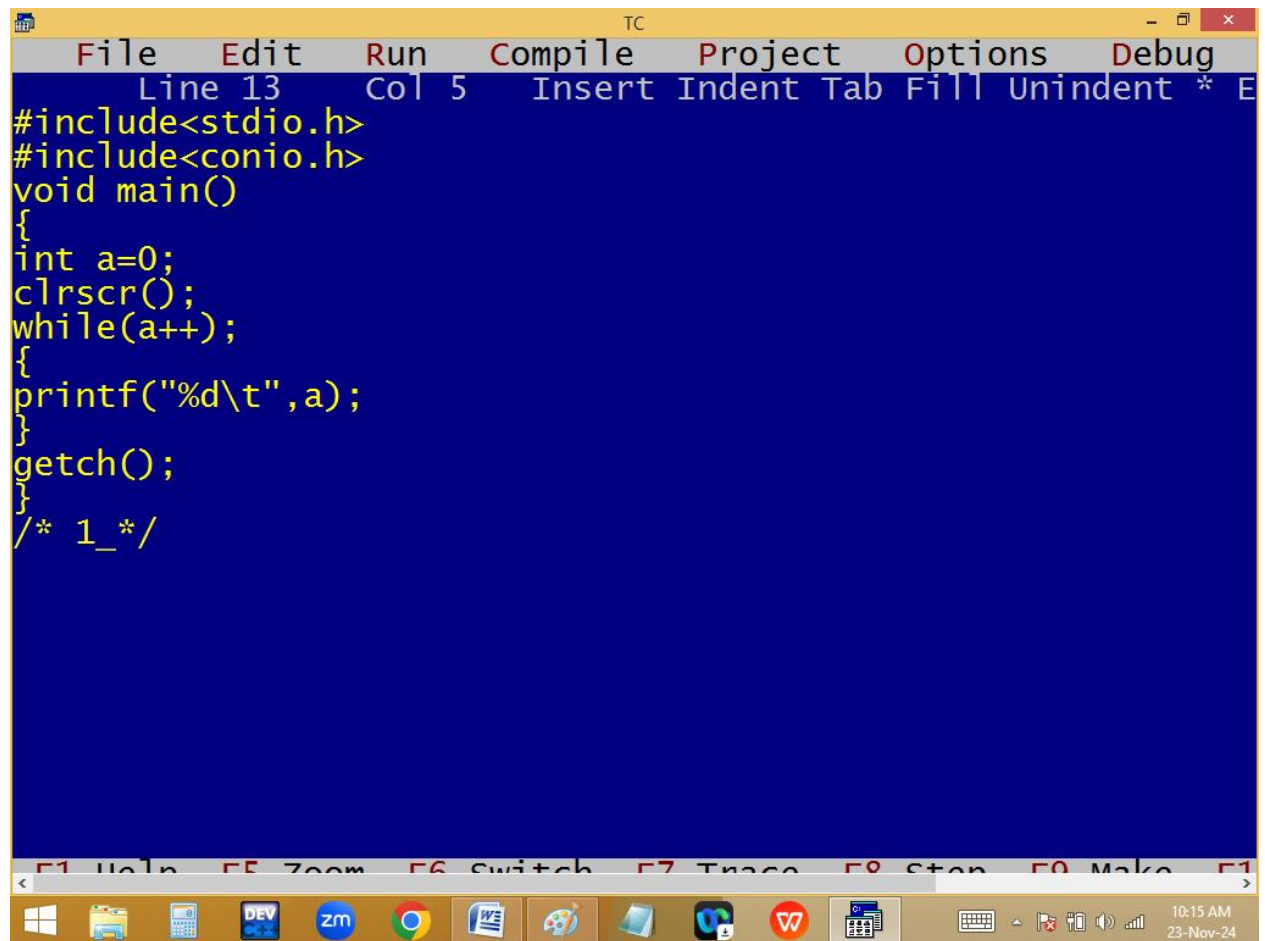
```
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0;
clrscr();
while(++a)
{
printf("%d\t",a);
}
getch();
}
/* 1 2 3 ... 32767 -32768 -32767 .... -1_*/
```



The image shows a screenshot of the Turbo C++ (TC) IDE. The window title is "TC". The menu bar includes File, Edit, Run, Compile, Project, Options, and Debug. The status bar at the top indicates "Line 13 Col 5" and lists keyboard shortcuts: Insert, Indent, Tab, Fill, Unindent, *, and E. The code editor contains the following C program:

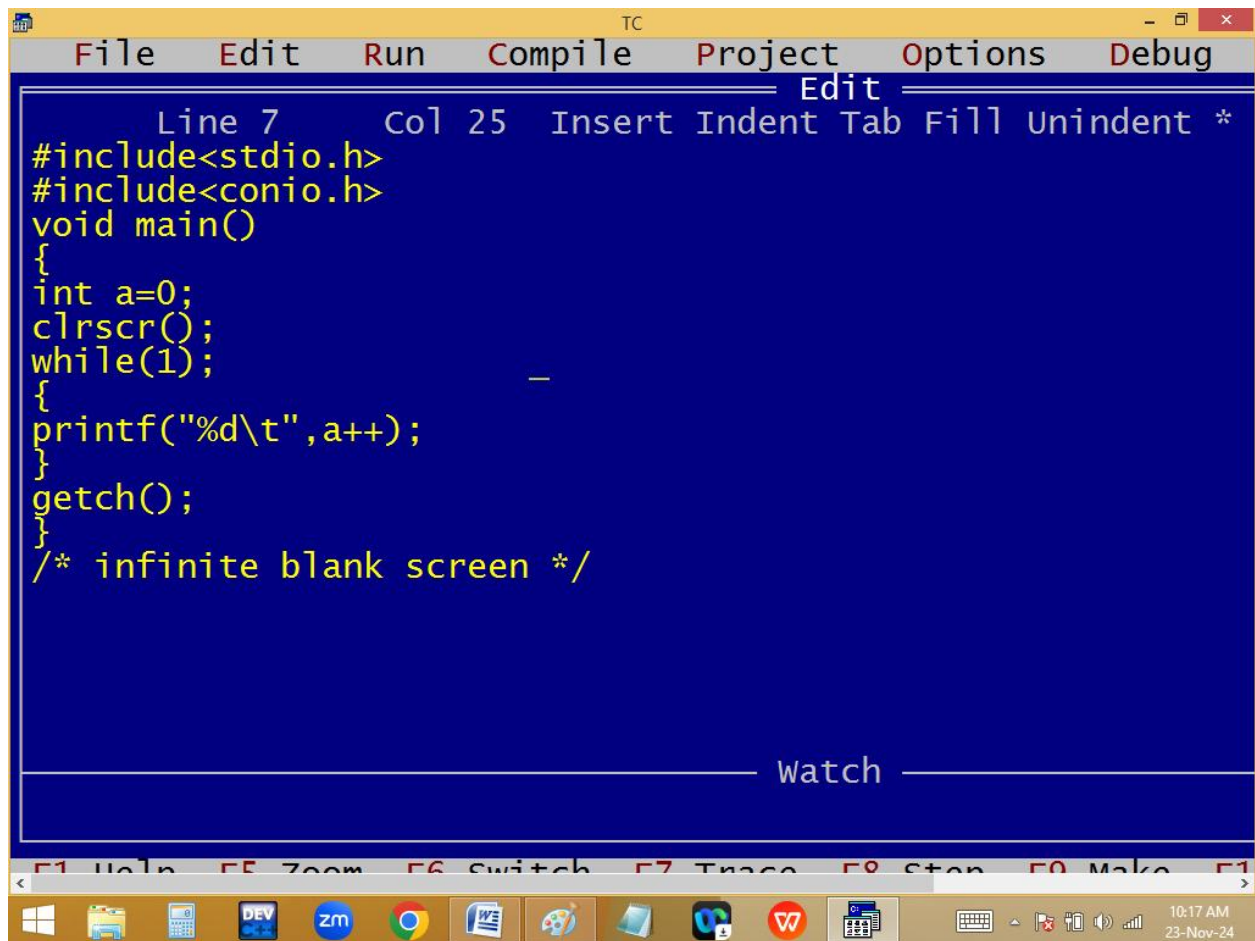
```
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0;
clrscr();
while(++a);
{
printf("%d\t",a);
}
getch();
}
/* 0 */
```

Below the code editor, there is a row of function key shortcuts: F1 Help, F5 Zoom, F6 Switch, F7 Trace, F8 Stop, F9 Make, and F10. The Windows taskbar is visible at the bottom, showing icons for Windows, File Explorer, Calculator, DEV C++, Zoom, Google Chrome, Word, and other applications. The system clock in the bottom right corner shows "10:14 AM 23-Nov-24".



```
TC
File Edit Run Compile Project Options Debug
Line 13 Col 5 Insert Indent Tab Fill Unindent * E
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0;
clrscr();
while(a++);
{
printf("%d\t",a);
}
getch();
}
/* 1_*/

F1 Help F5 Zoom F6 Switch F7 Trace F8 Stop F9 Make F10
```

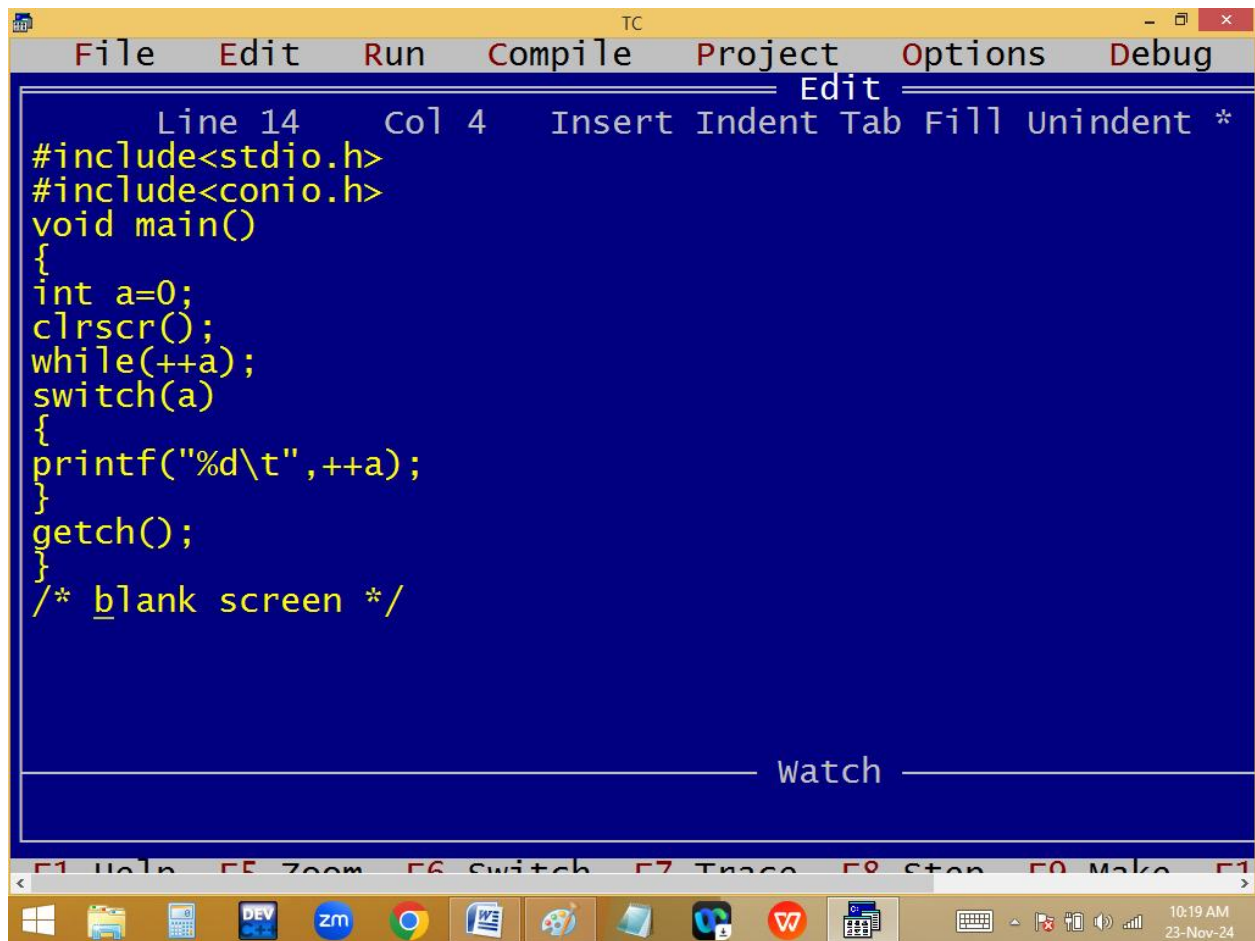


The image shows a screenshot of the Turbo C++ (TC) IDE. The window title is "TC". The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". The "Edit" menu is open, showing options: "Line 7", "Col 25", "Insert", "Indent", "Tab", "Fill", "Unindent", and "*". The code editor has a dark blue background with yellow text. The code is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
    int a=0;
    clrscr();
    while(1);
    {
        printf("%d\t",a++);
    }
    getch();
}
/* infinite blank screen */
```

Below the code editor is a "Watch" window, which is currently empty. At the bottom of the IDE window, there is a status bar with function key shortcuts: "F1 Help", "F5 Zoom", "F6 Switch", "F7 Trace", "F8 Stop", "F9 Make", and "F10".

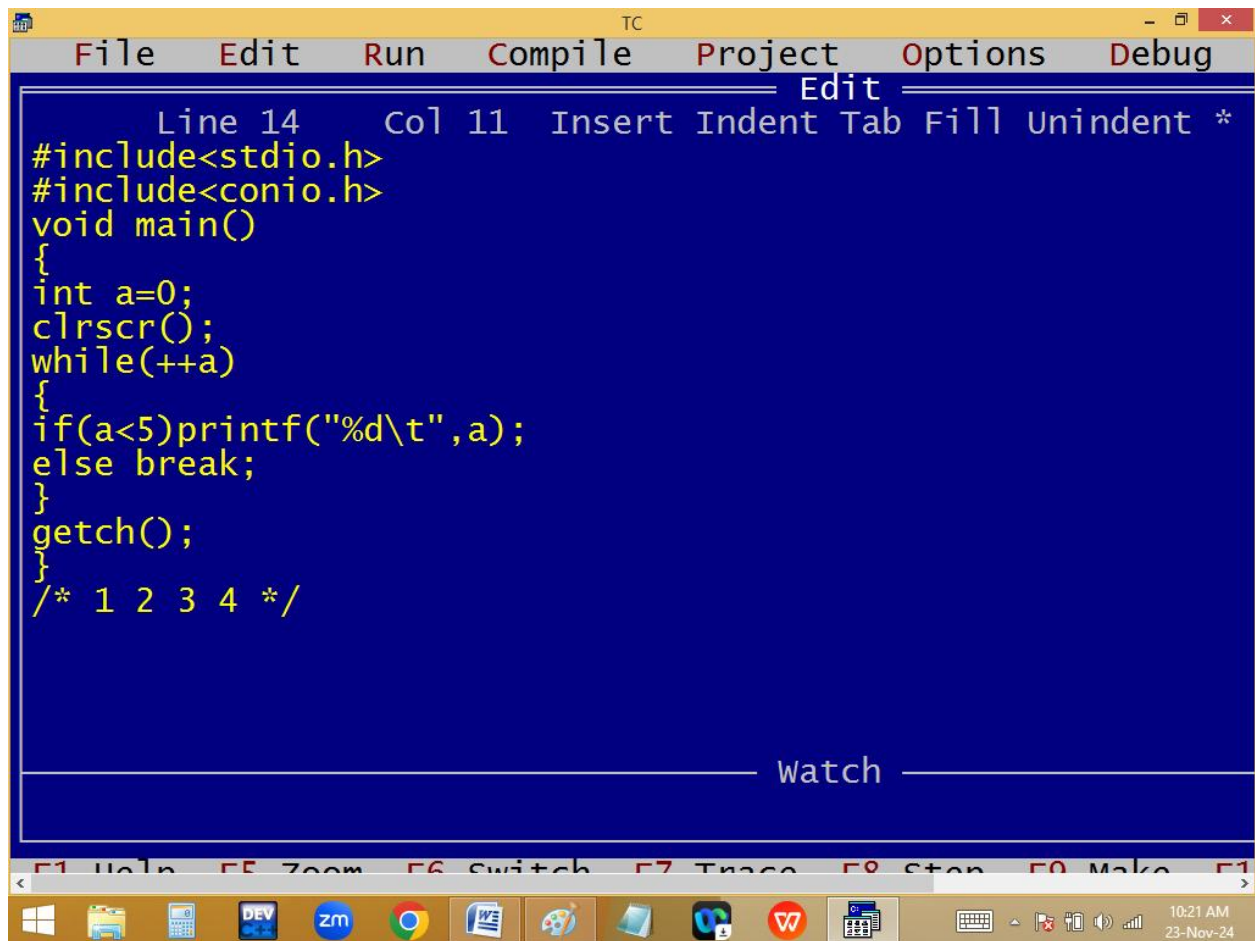
The Windows taskbar is visible at the bottom of the screen, showing icons for Windows, File Explorer, Calculator, DEV C++, Zoom, Google Chrome, Word, and other applications. The system clock in the bottom right corner shows "10:17 AM" and "23-Nov-24".



The image shows a screenshot of the Turbo C++ (TC) IDE. The window title is "TC". The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". The "Edit" menu is open, showing options: "Line 14", "Col 4", "Insert", "Indent", "Tab", "Fill", "Unindent", and "*". The code editor has a dark blue background with yellow text. The code is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0;
clrscr();
while(++a);
switch(a)
{
printf("%d\t",++a);
}
getch();
}
/* blank screen */
```

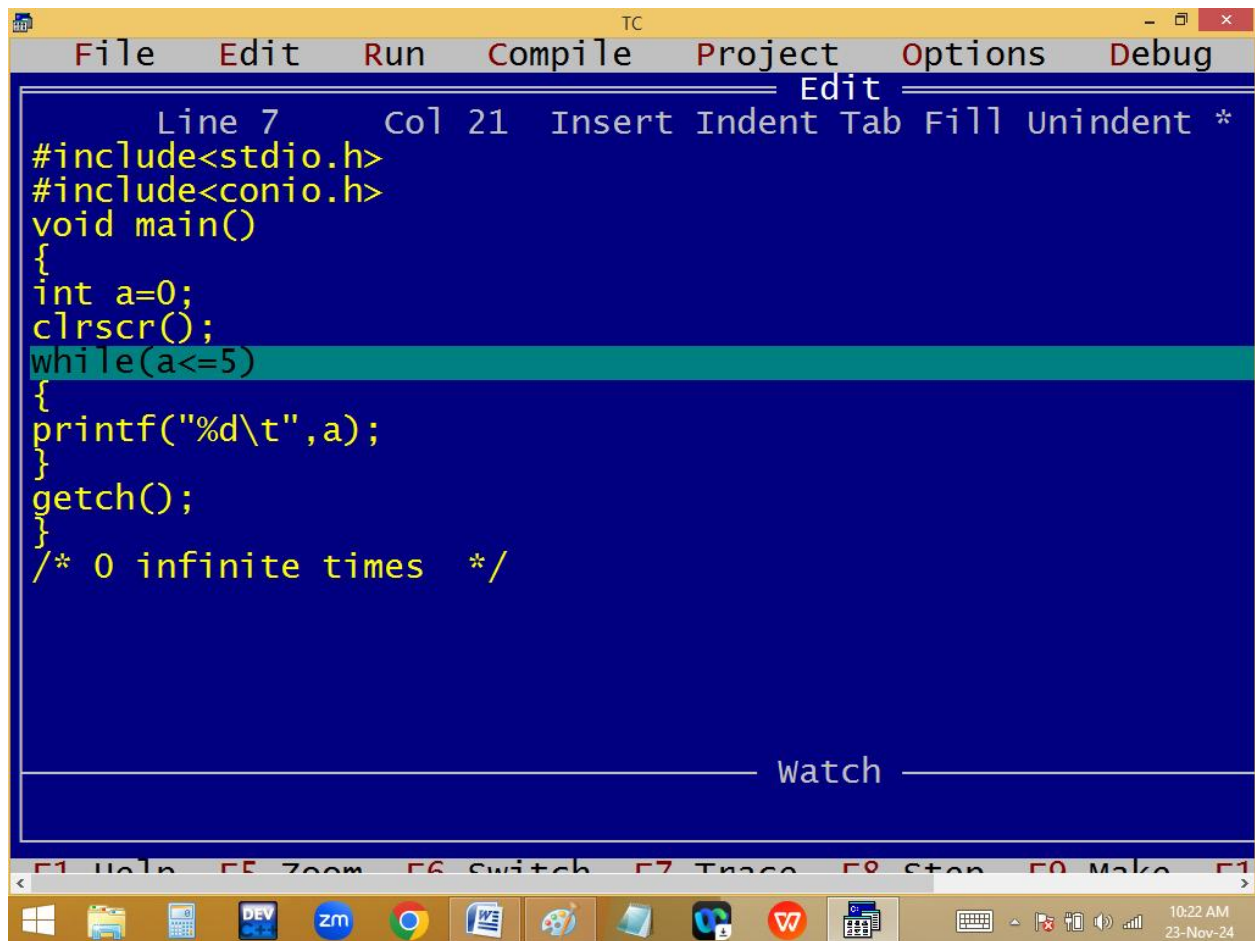
Below the code editor is a "Watch" window, which is currently empty. At the bottom of the IDE, there is a toolbar with icons for various functions, and a status bar showing the time "10:19 AM" and date "23-Nov-24".



The image shows a screenshot of the Turbo C++ (TC) IDE. The window title is "TC". The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". The "Edit" menu is open, showing options: "Line 14", "Col 11", "Insert", "Indent", "Tab", "Fill", "Unindent", and "*". The main text area has a dark blue background with yellow text. The code is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
    int a=0;
    clrscr();
    while(++a)
    {
        if(a<5)printf("%d\t",a);
        else break;
    }
    getch();
}
/* 1 2 3 4 */
```

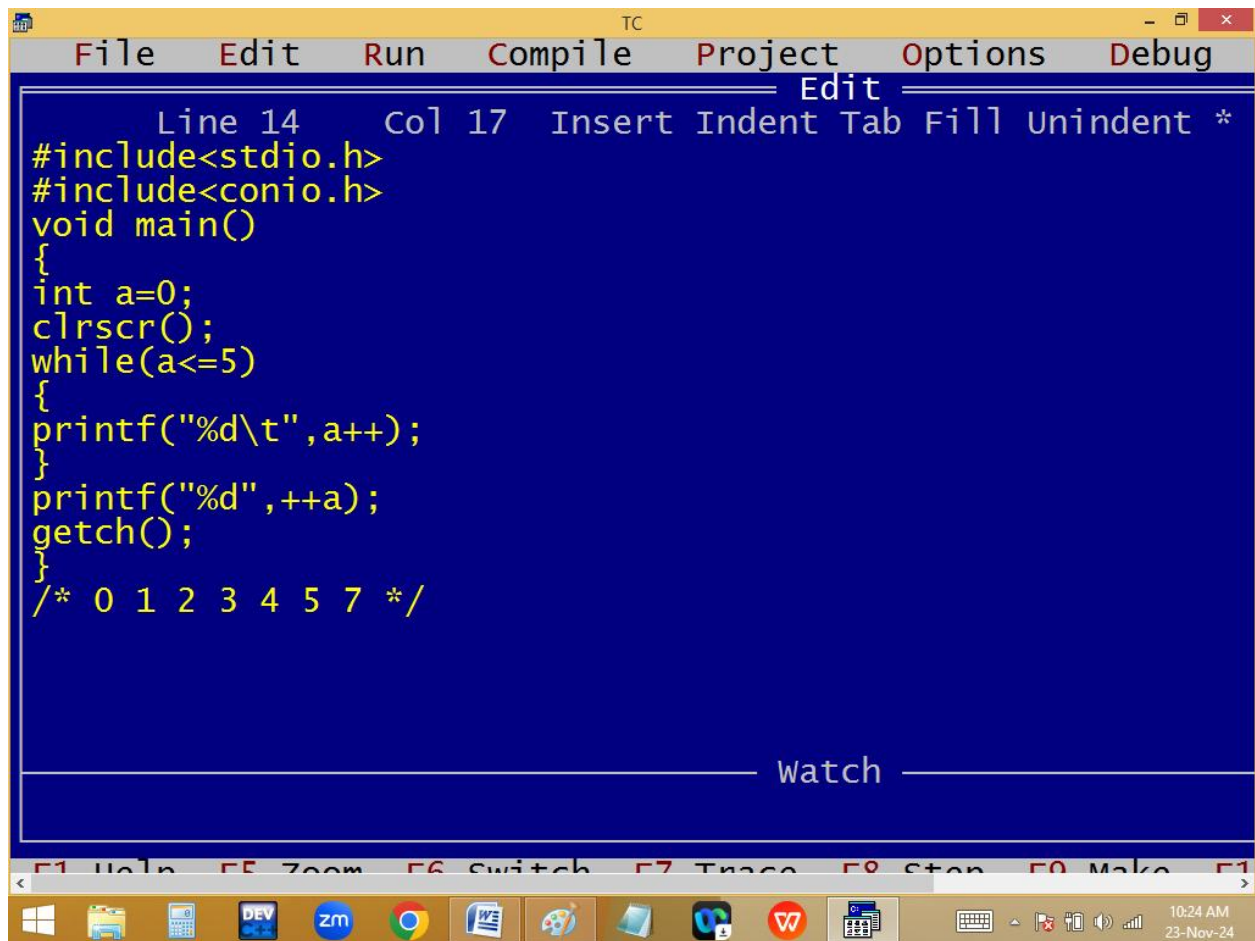
Below the code area is a "Watch" section, which is currently empty. At the bottom of the window, there is a toolbar with icons for various functions, and a status bar showing the time "10:21 AM" and date "23-Nov-24".



The image shows a screenshot of the Turbo C++ (TC) IDE. The window title is "TC". The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". The "Edit" menu is open, showing options: "Line 7", "Col 21", "Insert", "Indent", "Tab", "Fill", "Unindent", and "*". The code editor has a dark blue background with yellow text. The code is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
    int a=0;
    clrscr();
    while(a<=5)
    {
        printf("%d\t",a);
    }
    getch();
}
/* 0 infinite times */
```

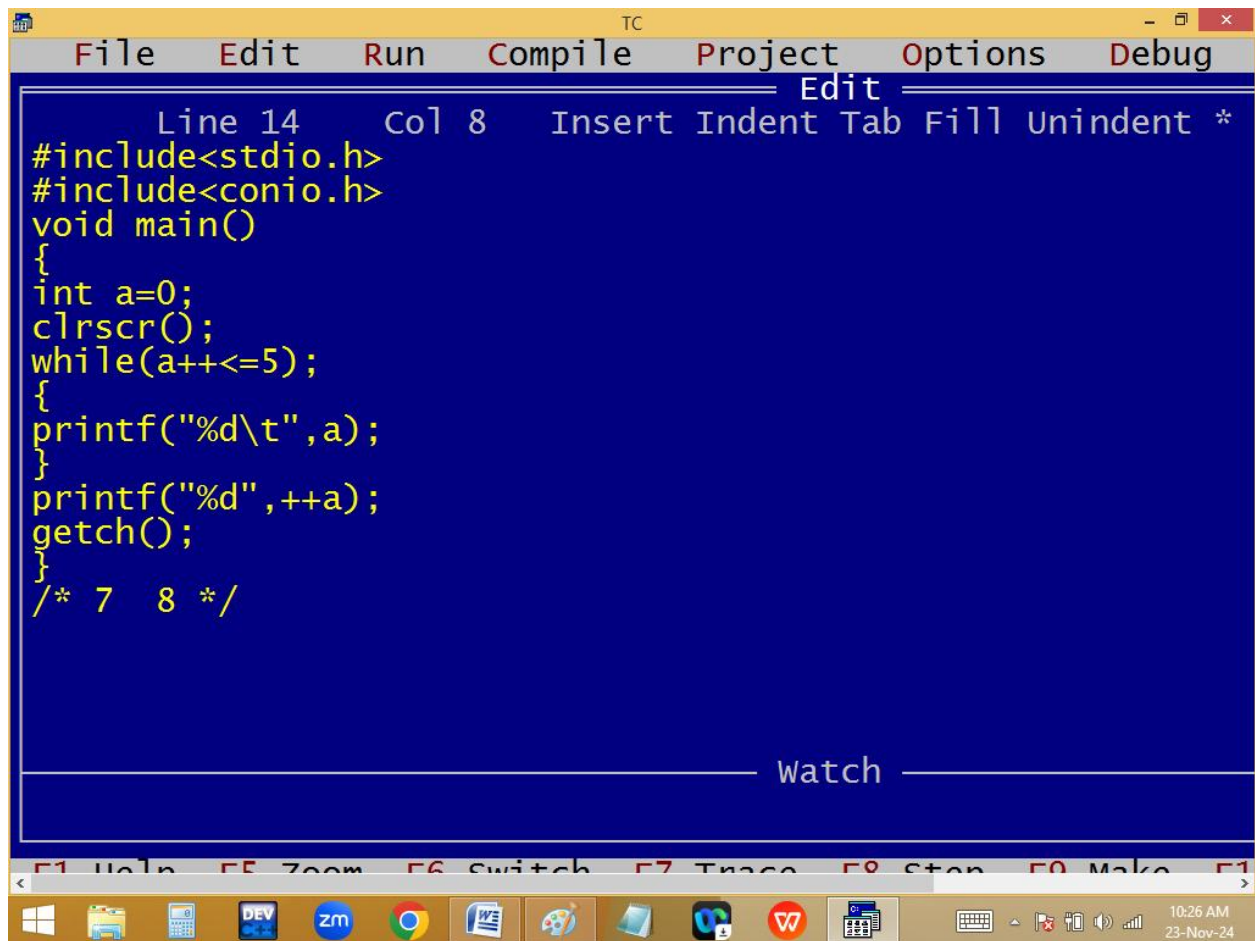
The line "while(a<=5)" is highlighted in green. Below the code editor is a "Watch" window, which is currently empty. At the bottom of the IDE, there is a toolbar with icons for various functions and a status bar showing "10:22 AM" and "23-Nov-24".



The image shows a screenshot of the Turbo C++ (TC) IDE. The window title is "TC". The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". The status bar at the top indicates "Line 14", "Col 17", and lists editing actions: "Insert", "Indent", "Tab", "Fill", "Unindent", and "*". The main editing area has a dark blue background with yellow text. It contains a C program that prints a diamond pattern. The code is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
    int a=0;
    clrscr();
    while(a<=5)
    {
        printf("%d\t",a++);
    }
    printf("%d",++a);
    getch();
}
/* 0 1 2 3 4 5 7 */
```

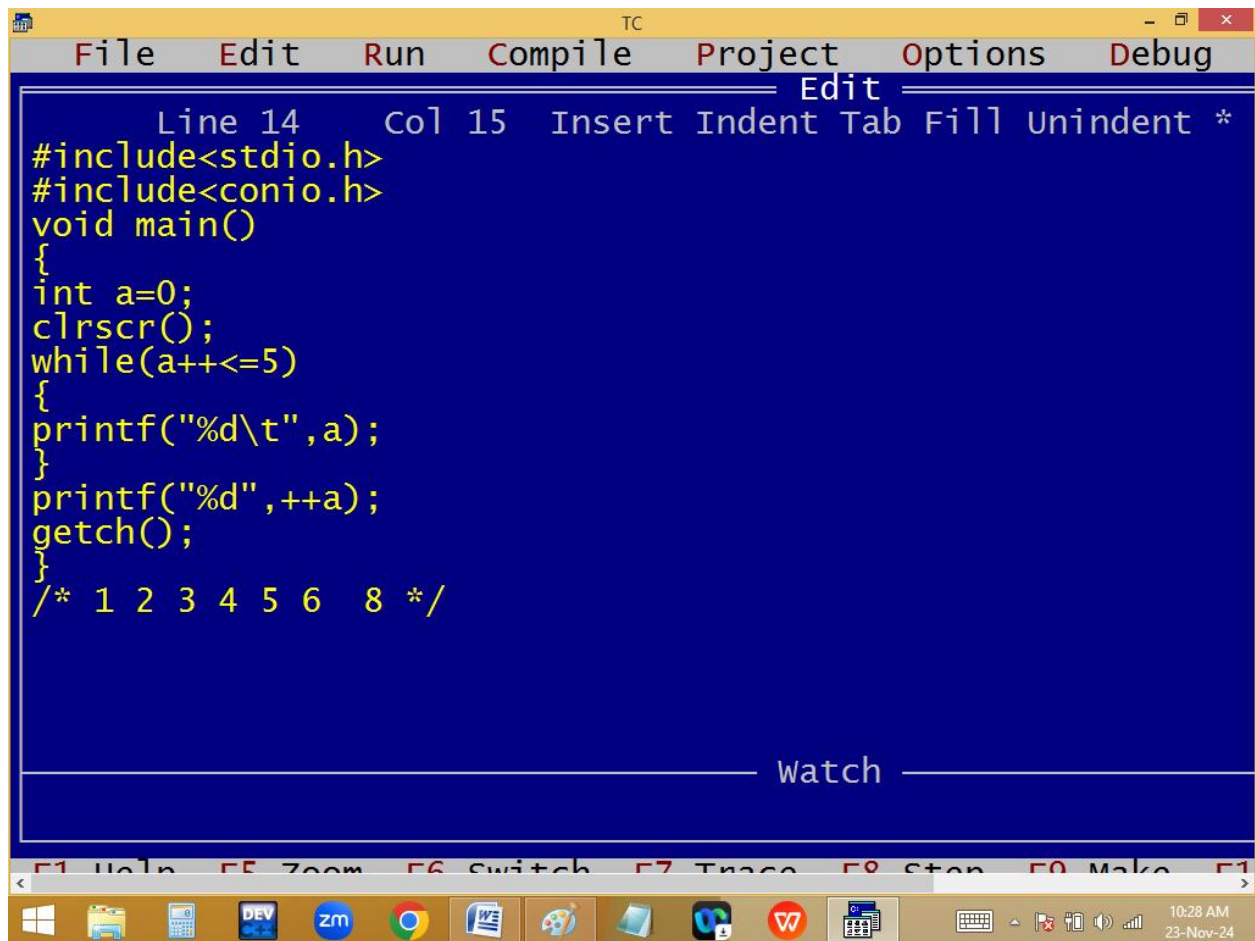
Below the code editor is a "Watch" section, which is currently empty. At the bottom of the window, there is a toolbar with icons for various functions, and a status bar showing the time "10:24 AM" and date "23-Nov-24".



The image shows a screenshot of the Turbo C++ (TC) IDE. The window title is "TC". The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". The "Edit" menu is open, showing options: "Line 14", "Col 8", "Insert", "Indent", "Tab", "Fill", "Unindent", and "*". The main text area has a dark blue background with yellow text. The code is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
    int a=0;
    clrscr();
    while(a++<=5);
    {
        printf("%d\t",a);
    }
    printf("%d",++a);
    getch();
}
/* 7 8 */
```

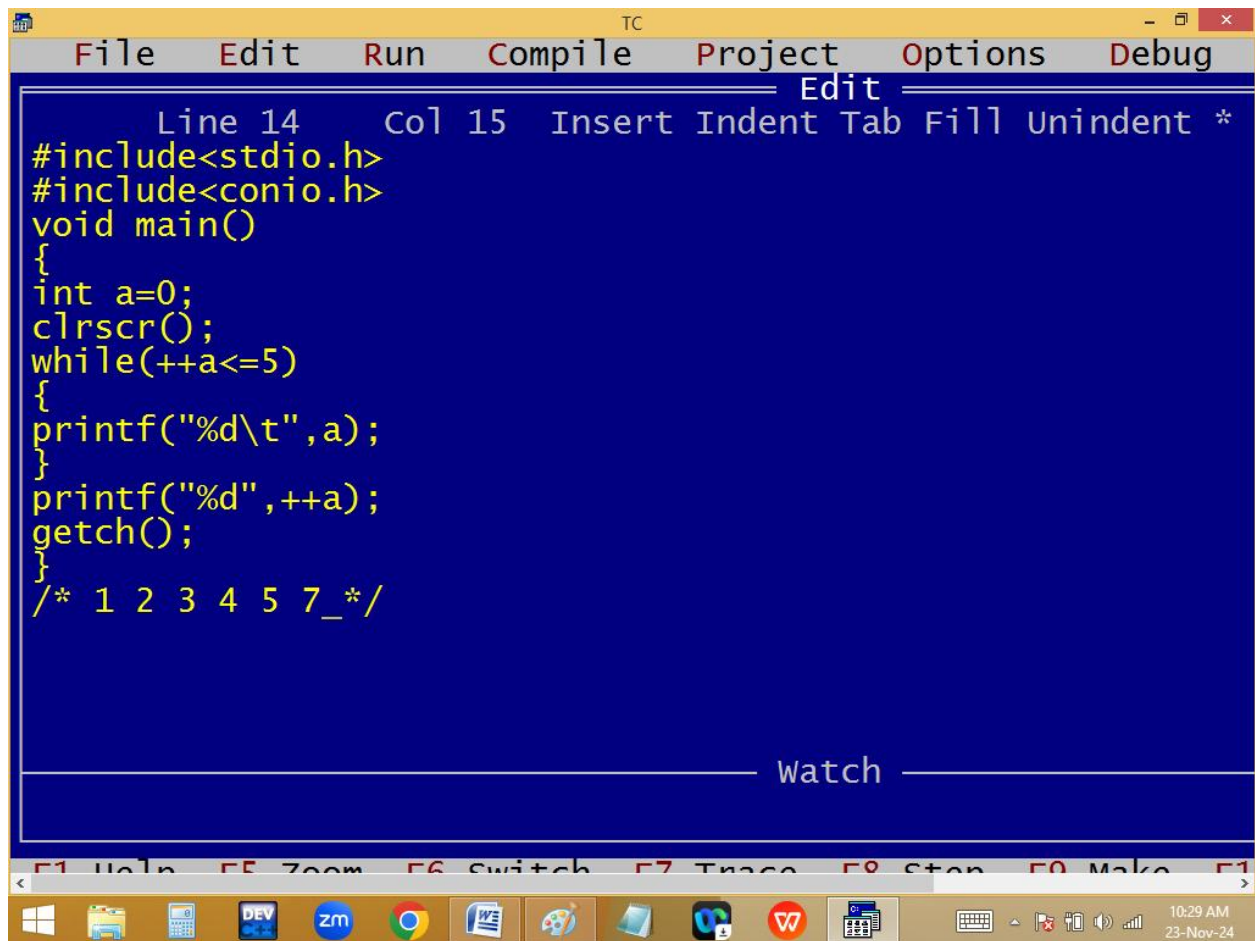
Below the code editor is a "Watch" section, which is currently empty. At the bottom of the window, there is a toolbar with icons for various functions, and a status bar showing the time "10:26 AM" and date "23-Nov-24".



The image shows a screenshot of the Turbo C++ (TC) IDE. The window title is "TC". The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". The "Edit" menu is open, showing options: "Line 14", "Col 15", "Insert", "Indent", "Tab", "Fill", "Unindent", and "*". The code editor has a blue background with yellow text. The code is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
    int a=0;
    clrscr();
    while(a++<=5)
    {
        printf("%d\t",a);
    }
    printf("%d",++a);
    getch();
}
/* 1 2 3 4 5 6 8 */
```

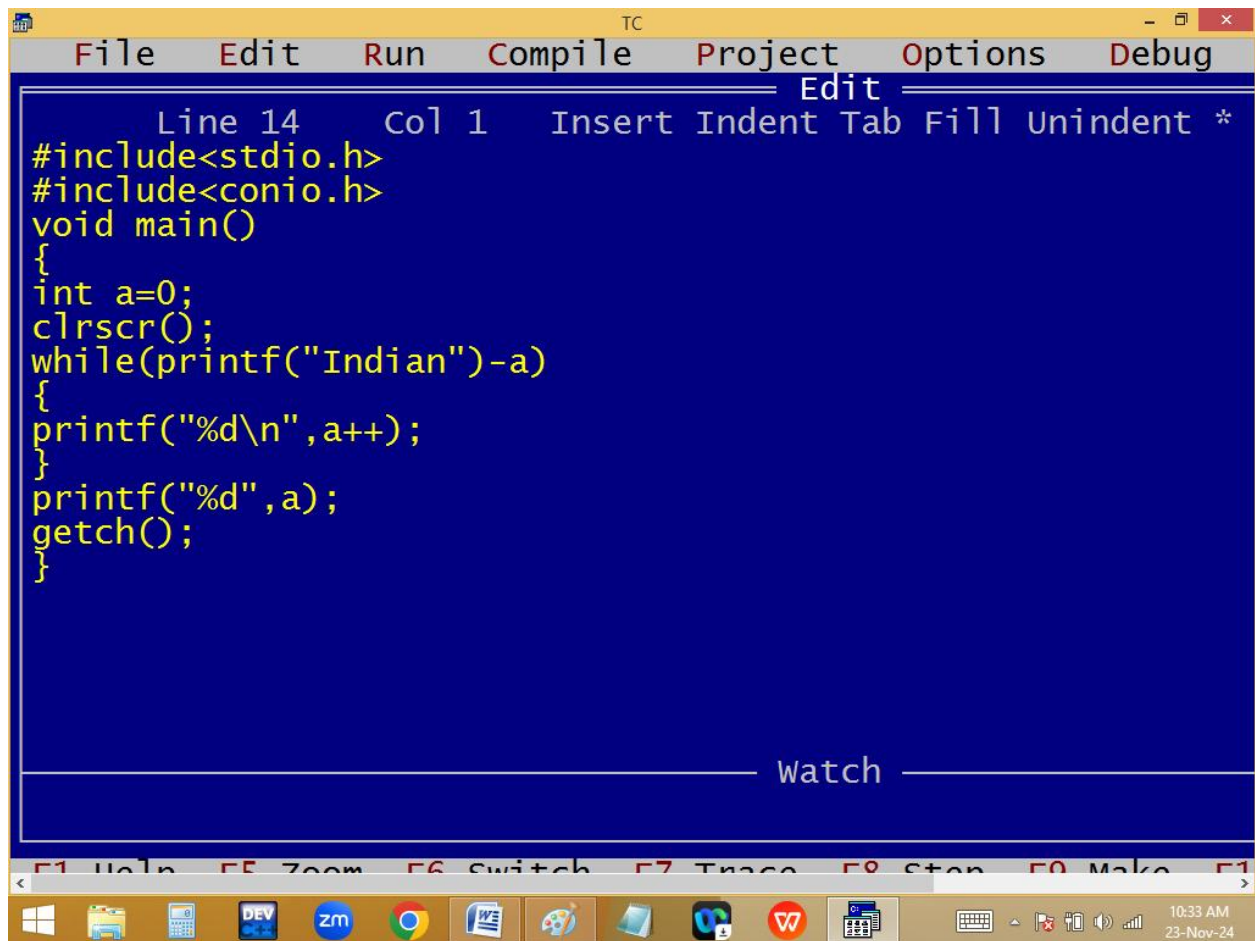
Below the code editor is a "Watch" window, which is currently empty. At the bottom of the IDE, there is a toolbar with icons for various functions, and a status bar showing the time "10:28 AM" and date "23-Nov-24".



The image shows a screenshot of the Turbo C++ (TC) IDE. The window title is "TC". The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". The "Edit" menu is open, showing options: "Line 14", "Col 15", "Insert", "Indent", "Tab", "Fill", "Unindent", and "*". The main text area has a dark blue background with yellow text. The code is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
    int a=0;
    clrscr();
    while(++a<=5)
    {
        printf("%d\t",a);
    }
    printf("%d",++a);
    getch();
}
/* 1 2 3 4 5 7_*/
```

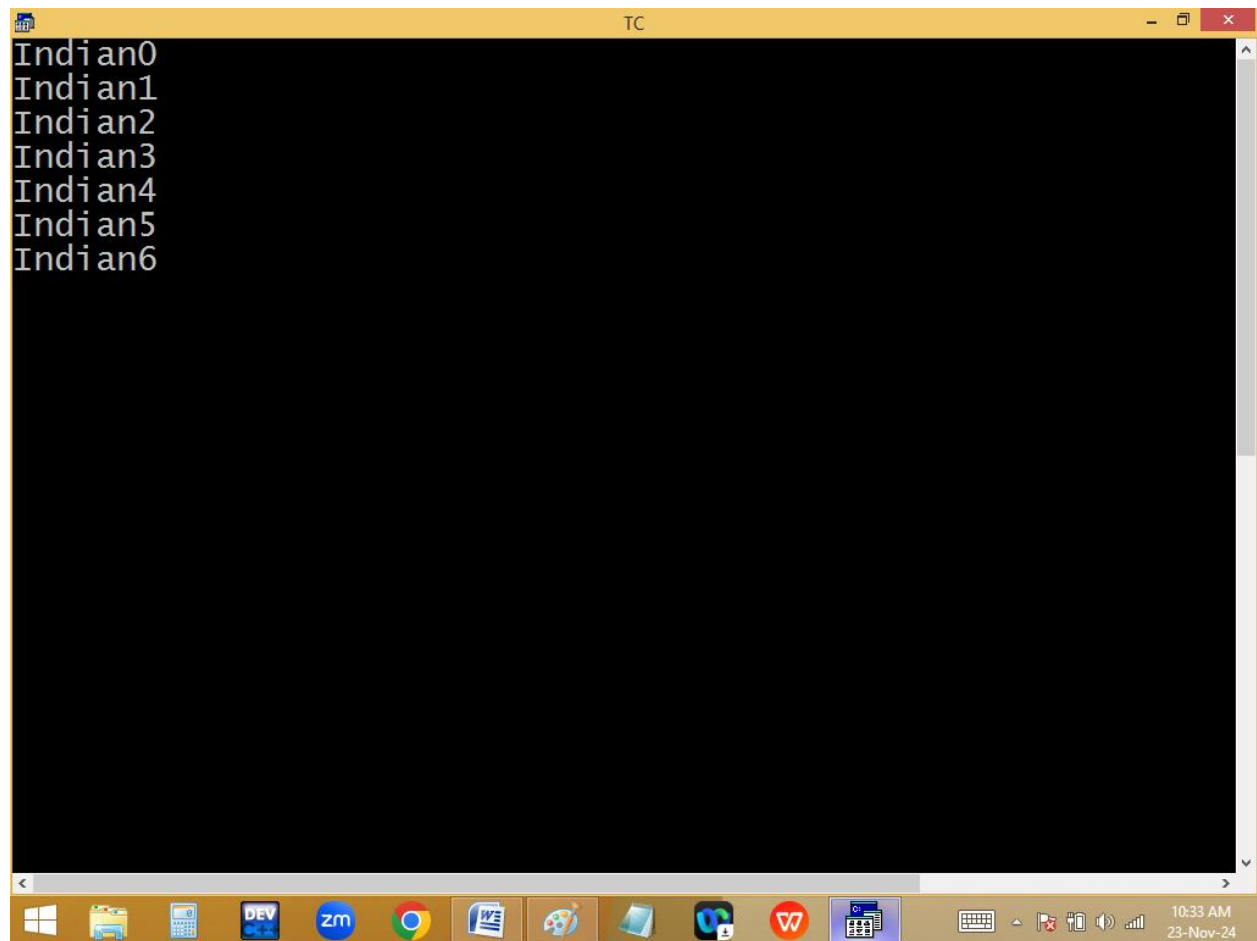
Below the code area is a "Watch" section, which is currently empty. At the bottom of the window, there is a toolbar with icons for various functions and a status bar showing the time "10:29 AM" and date "23-Nov-24".

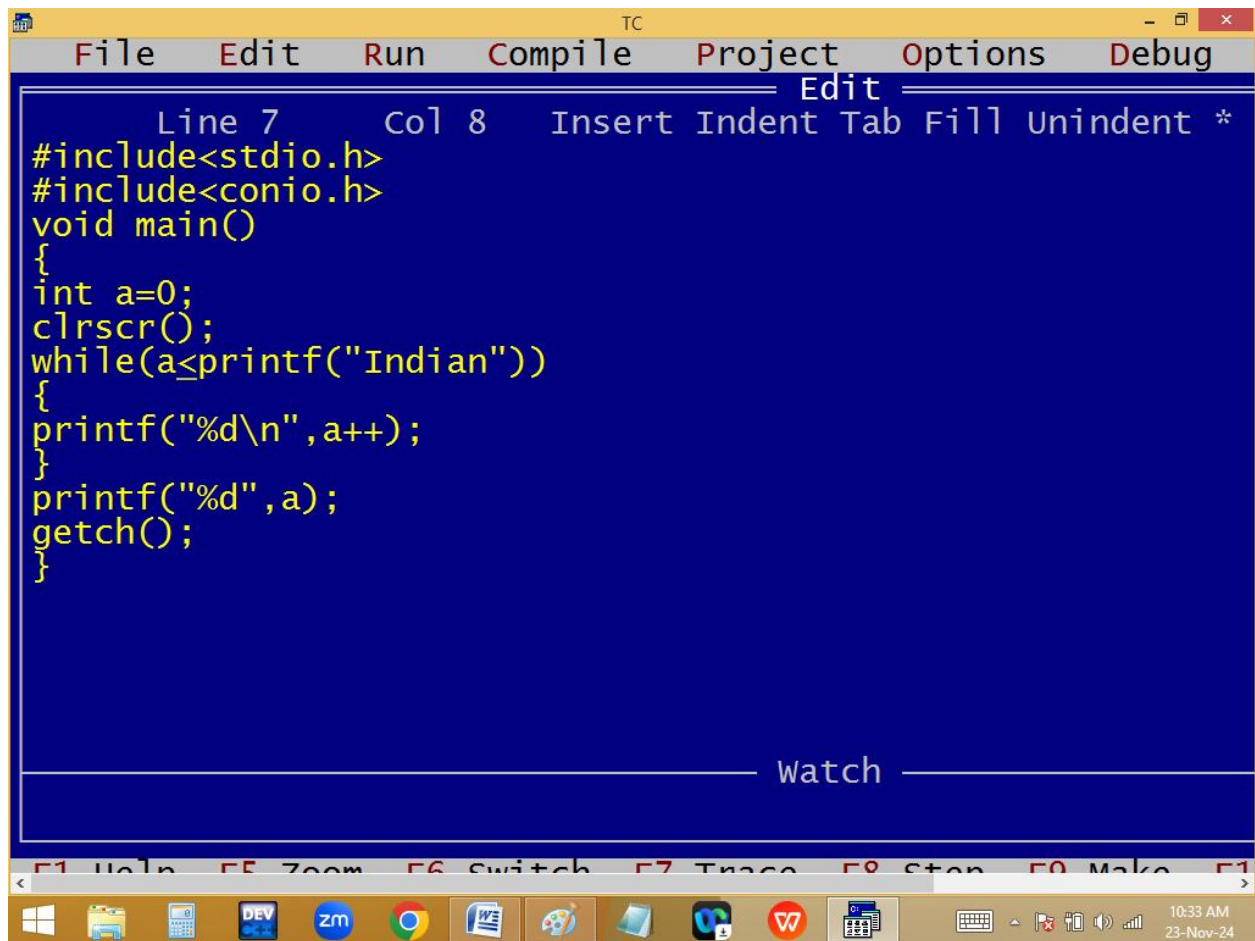


The image shows a screenshot of the Turbo C++ (TC) IDE. The window title is "TC". The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". The status bar at the top indicates "Line 14", "Col 1", and lists editing actions: "Insert", "Indent", "Tab", "Fill", "Unindent", and "*". The main editor area has a dark blue background with yellow text. It contains the following C code:

```
#include<stdio.h>
#include<conio.h>
void main()
{
    int a=0;
    clrscr();
    while(printf("Indian")-a)
    {
        printf("%d\n",a++);
    }
    printf("%d",a);
    getch();
}
```

Below the editor is a "Watch" window, which is currently empty. At the bottom of the IDE, there is a toolbar with icons for various functions, and a status bar showing the time "10:33 AM" and date "23-Nov-24".



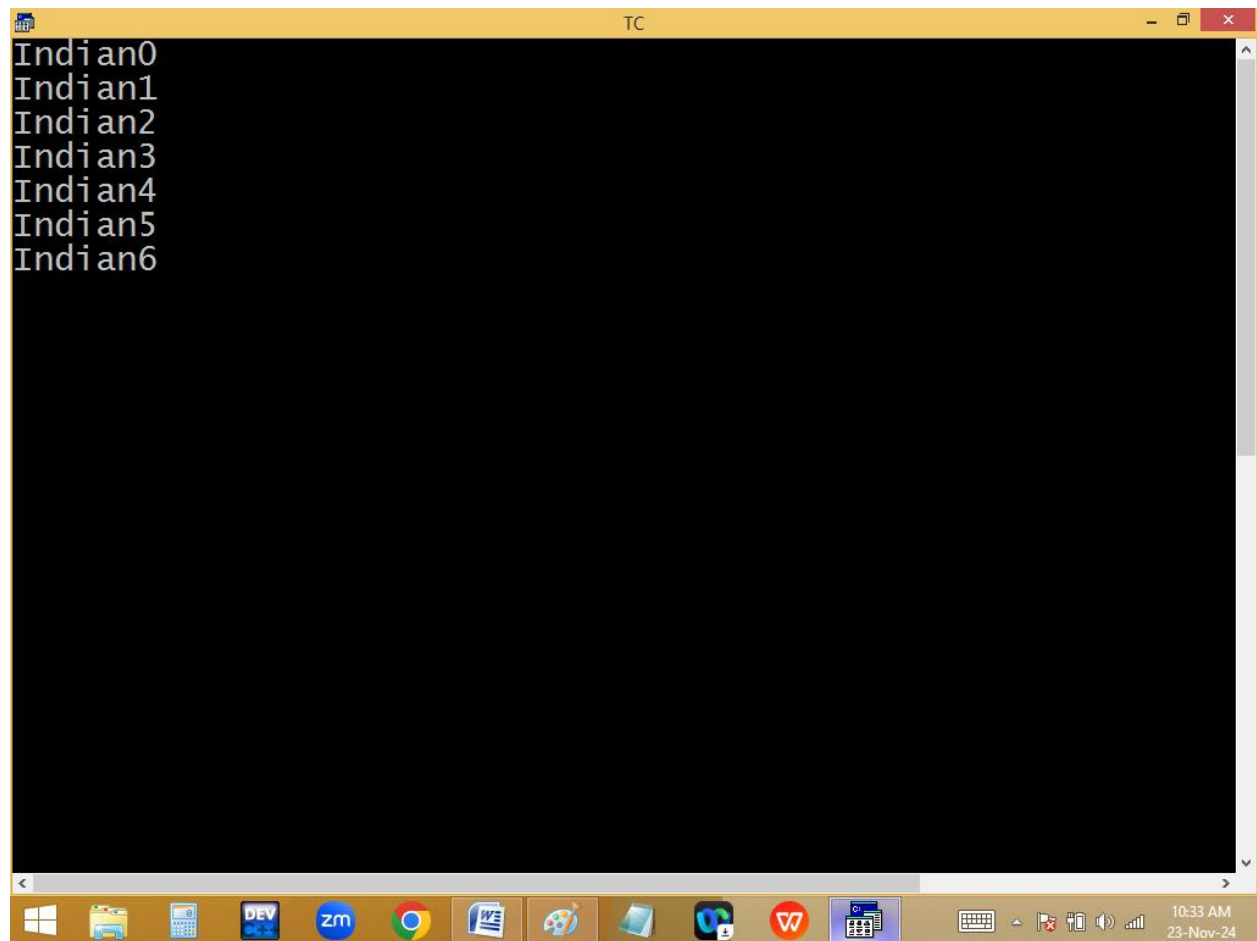


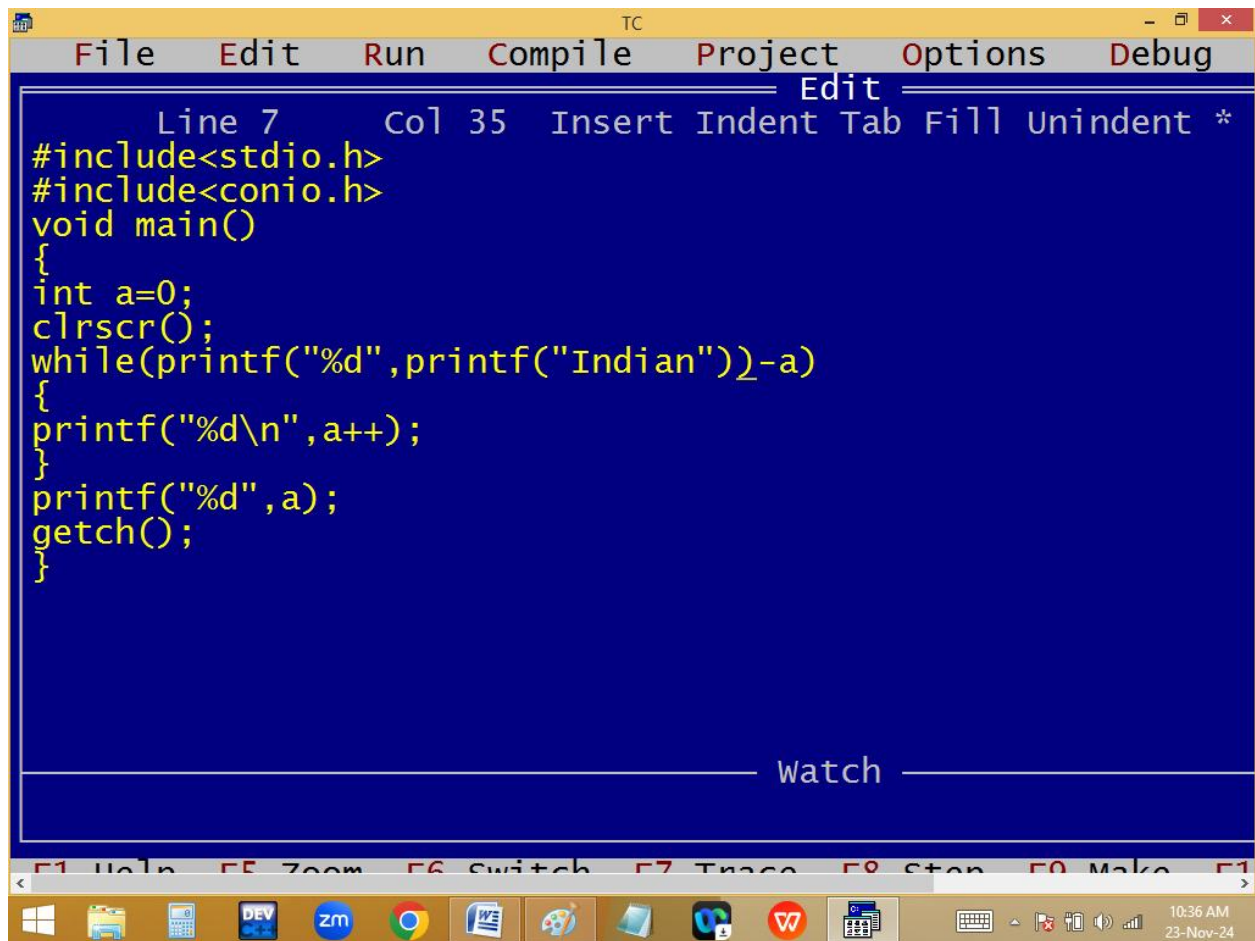
The image shows a screenshot of the Turbo C++ (TC) IDE. The window title is "TC". The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". The "Edit" menu is open, showing options: "Line 7", "Col 8", "Insert", "Indent", "Tab", "Fill", "Unindent", and "*". The main text area has a dark blue background with yellow text. It contains the following C code:

```
#include<stdio.h>
#include<conio.h>
void main()
{
    int a=0;
    clrscr();
    while(a<=printf("Indian"))
    {
        printf("%d\n",a++);
    }
    printf("%d",a);
    getch();
}
```

Below the code editor is a "Watch" window, which is currently empty. At the bottom of the IDE, there is a status bar with function key shortcuts: "F1 Help", "F5 Zoom", "F6 Switch", "F7 Trace", "F8 Step", "F9 Make", and "F10 Run".

The Windows taskbar is visible at the very bottom, showing icons for Windows Explorer, Calculator, DEV C++, Zoom, Google Chrome, Word, and other applications. The system clock in the bottom right corner shows "10:33 AM" and "23-Nov-24".



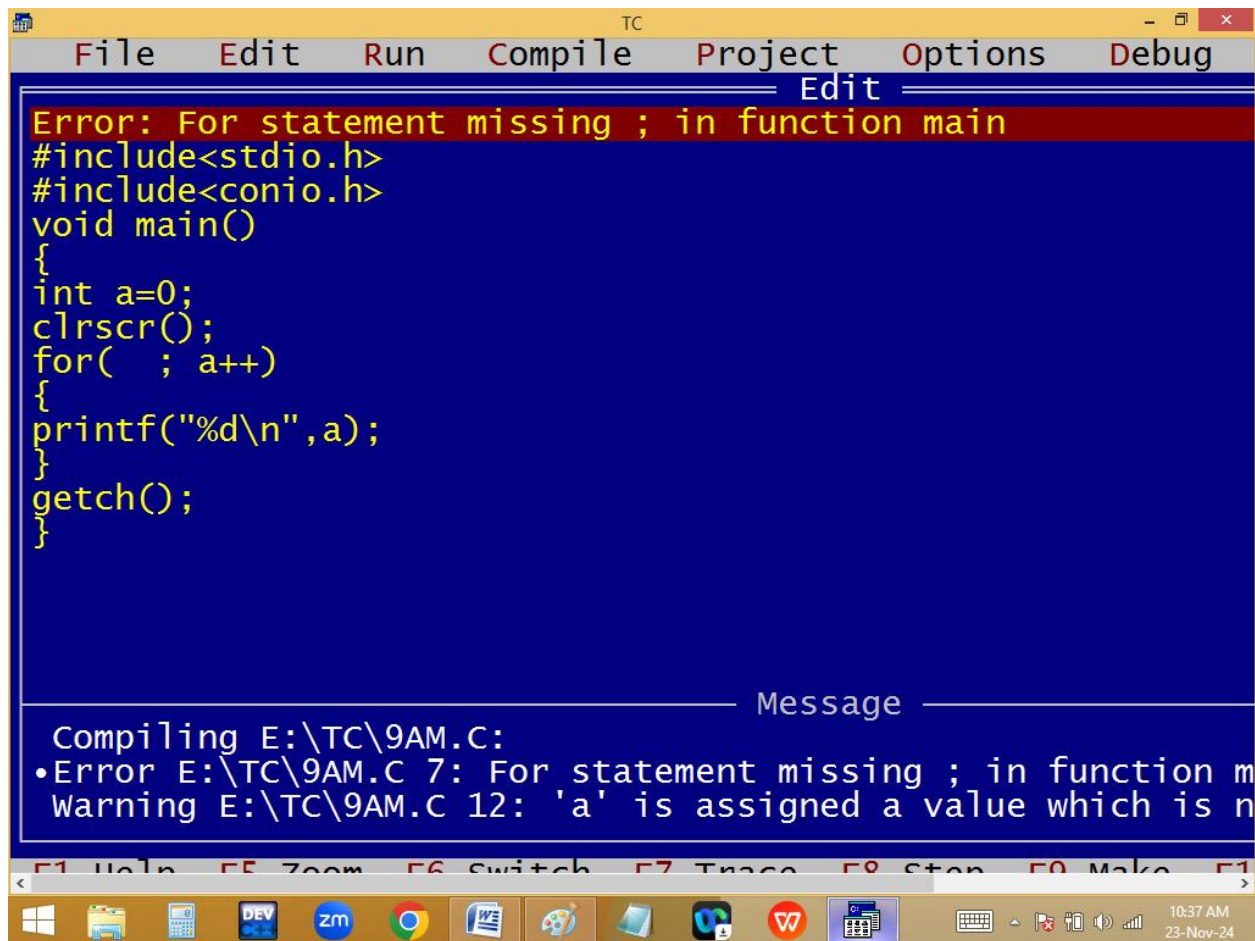


The image shows a screenshot of the Turbo C++ (TC) IDE. The window title is "TC". The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". The "Edit" menu is open, showing options: "Line 7", "Col 35", "Insert", "Indent", "Tab", "Fill", "Unindent", and "*". The code editor has a dark blue background with yellow text. The code is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
    int a=0;
    clrscr();
    while(printf("%d",printf("Indian"))_a)
    {
        printf("%d\n",a++);
    }
    printf("%d",a);
    getch();
}
```

Below the code editor is a "Watch" window, which is currently empty. At the bottom of the IDE, there is a toolbar with icons for various functions, and a status bar showing the time "10:36 AM" and date "23-Nov-24".



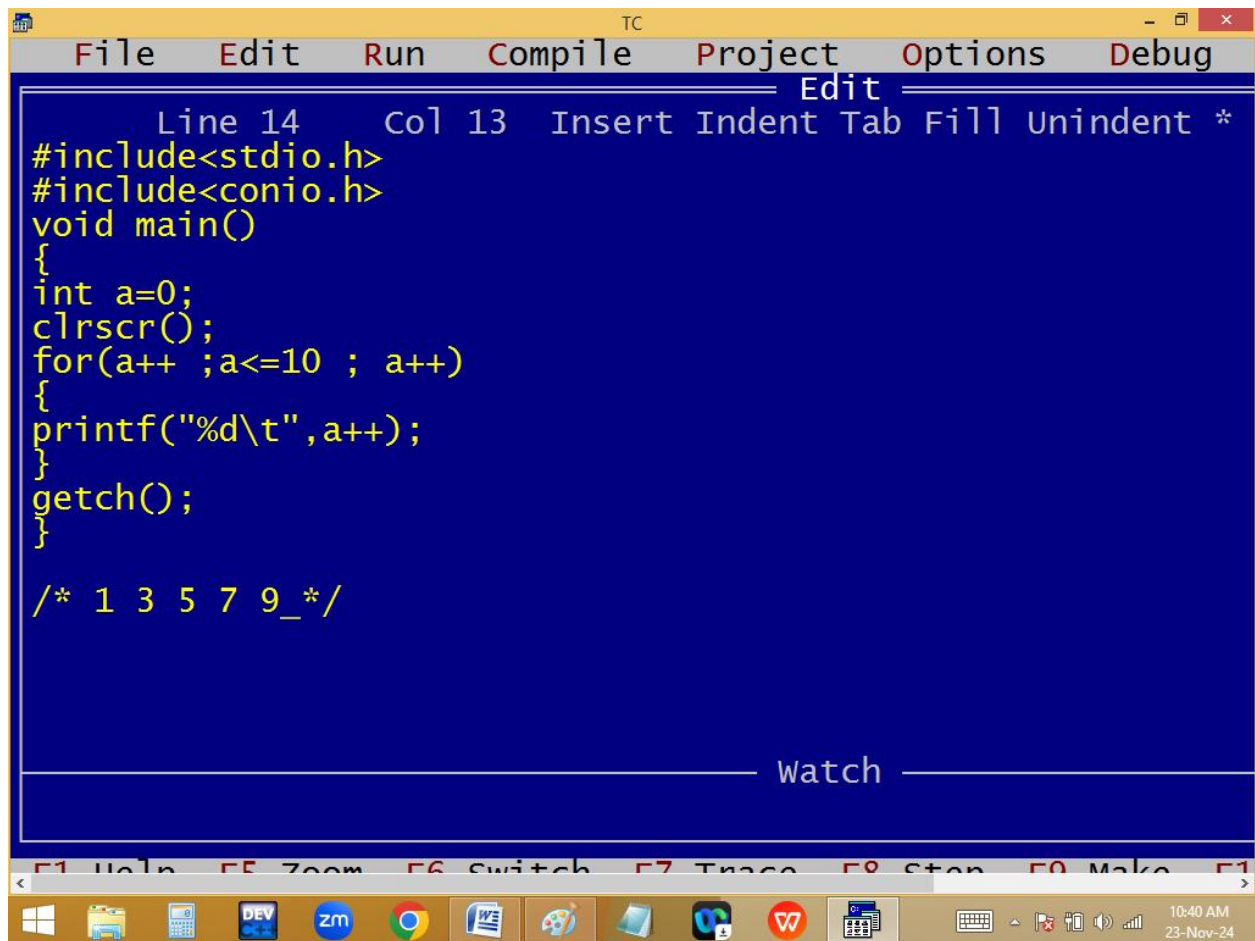


The image shows a screenshot of the Turbo C++ (TC) IDE. The window title is "TC". The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". The "Edit" menu is open, showing options: "Line 1", "Col 22", "Insert", "Indent", "Tab", "Fill", "Unindent", and "*". The code editor has a dark blue background with yellow text. The code is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0;
clrscr();
for( ; ; a++)
{
printf("%d\t",a);
}
getch();
}

/* 0 to 0 infinite */
```

The line "for(; ; a++)" is highlighted with a teal background. Below the code editor is a "Watch" window, which is currently empty. At the bottom of the screen is the Windows taskbar, showing various application icons and the system clock displaying "10:39 AM 23-Nov-24".



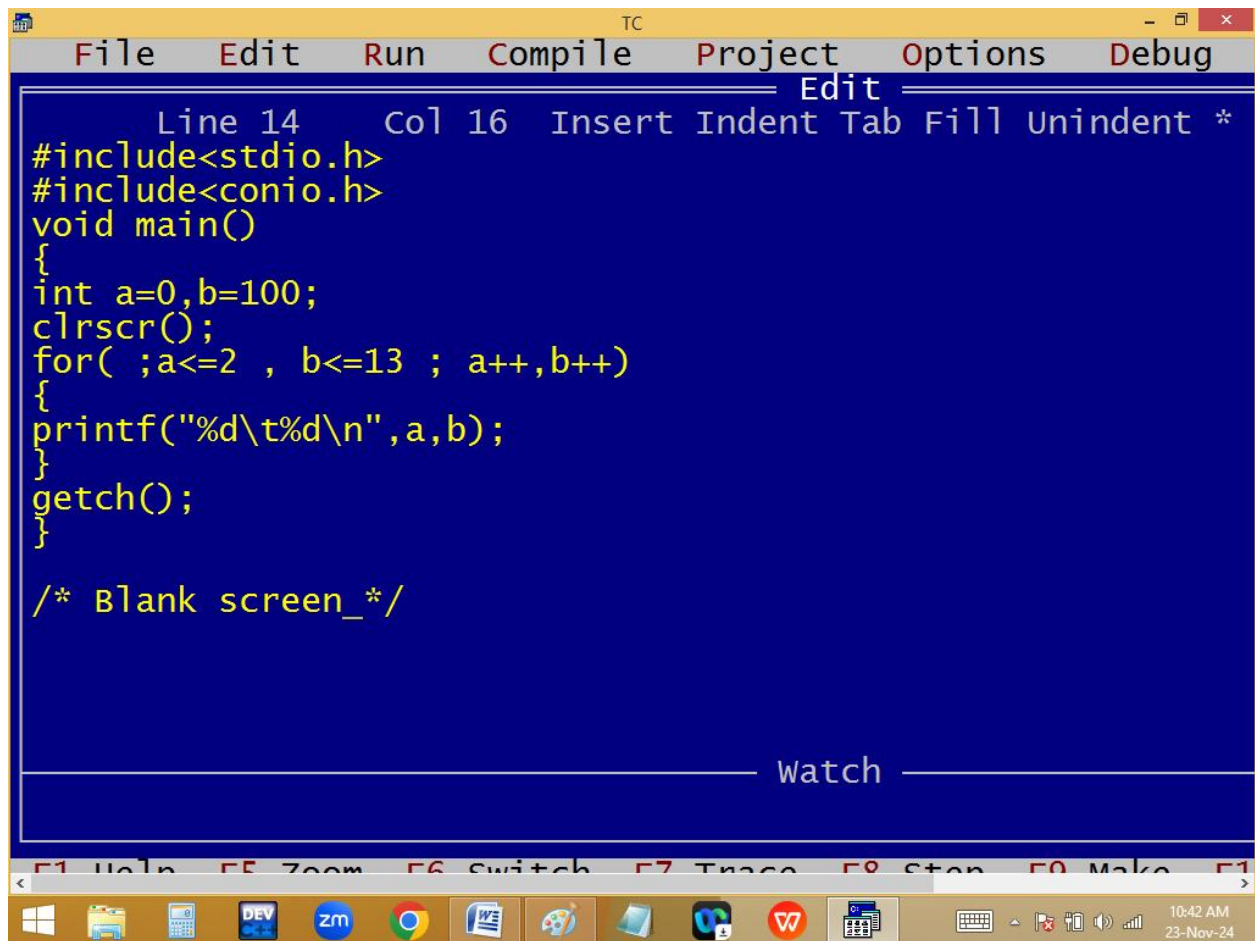
The image shows a screenshot of the Turbo C++ (TC) IDE. The window title is "TC". The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". The "Edit" menu is open, showing options: "Line 14", "Col 13", "Insert", "Indent", "Tab", "Fill", "Unindent", and "*". The main editing area has a dark blue background with yellow text. The code is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
    int a=0;
    clrscr();
    for(a++ ;a<=10 ; a++)
    {
        printf("%d\t",a++);
    }
    getch();
}

/* 1 3 5 7 9_*/
```

Below the code editor is a "Watch" window, which is currently empty. At the bottom of the IDE, there is a status bar with function key shortcuts: "F1 Help", "F5 Zoom", "F6 Switch", "F7 Trace", "F8 Stop", "F9 Make", and "F10".

The Windows taskbar is visible at the very bottom, showing icons for the Start menu, File Explorer, Calculator, DEV C++, Zoom, Google Chrome, Word, and other applications. The system clock in the bottom right corner shows "10:40 AM" and "23-Nov-24".



The image shows a screenshot of the Turbo C++ (TC) IDE. The window title is "TC". The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". The "Edit" menu is open, showing options: "Line 14", "Col 16", "Insert", "Indent", "Tab", "Fill", "Unindent", and "*". The code editor has a dark blue background with yellow text. The code is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0,b=100;
clrscr();
for( ;a<=2 , b<=13 ; a++,b++)
{
printf("%d\t%d\n",a,b);
}
getch();
}

/* Blank screen_*/
```

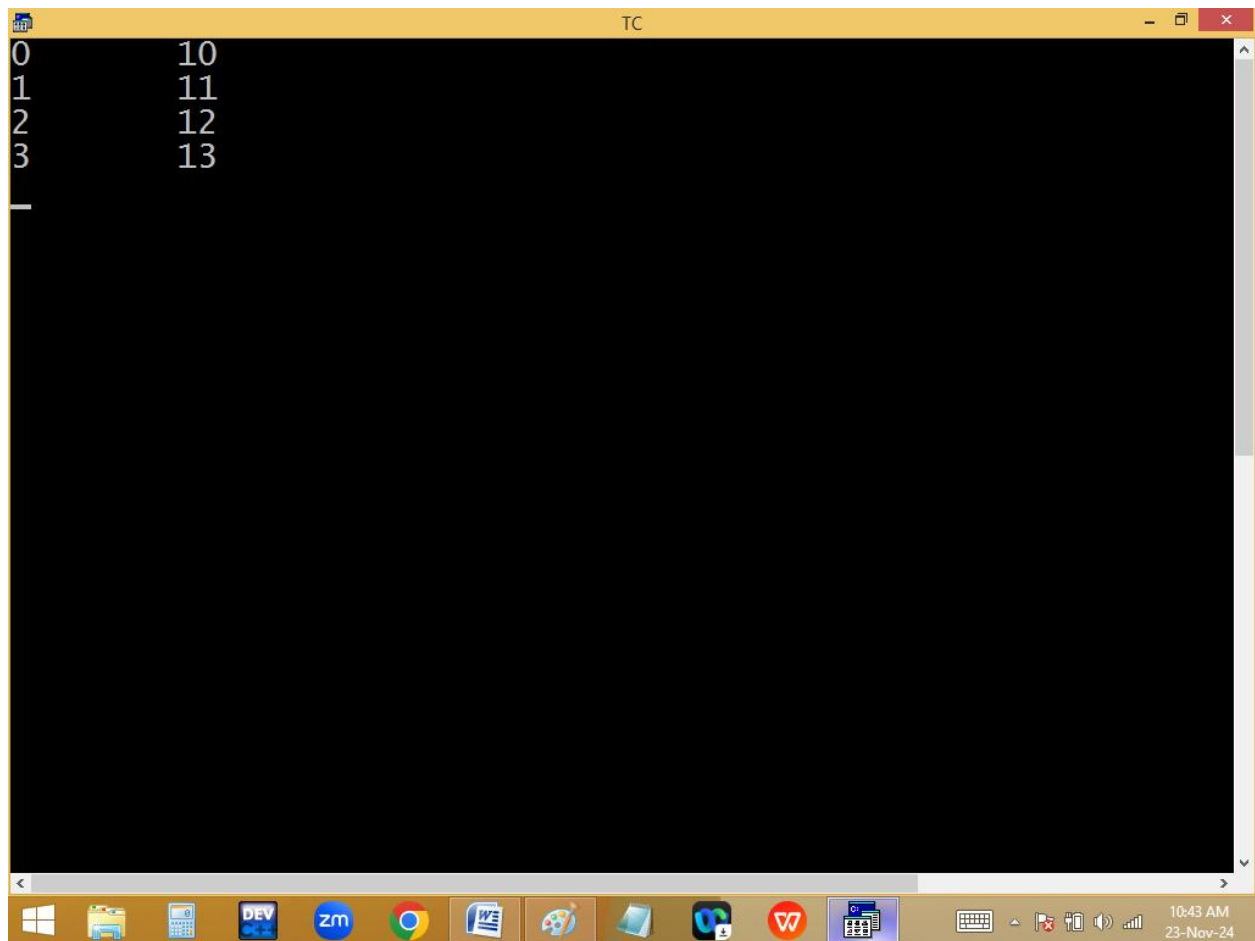
Below the code editor is a "Watch" window, which is currently empty. At the bottom of the IDE, there is a toolbar with icons for various functions, and a status bar showing the time "10:42 AM" and date "23-Nov-24".

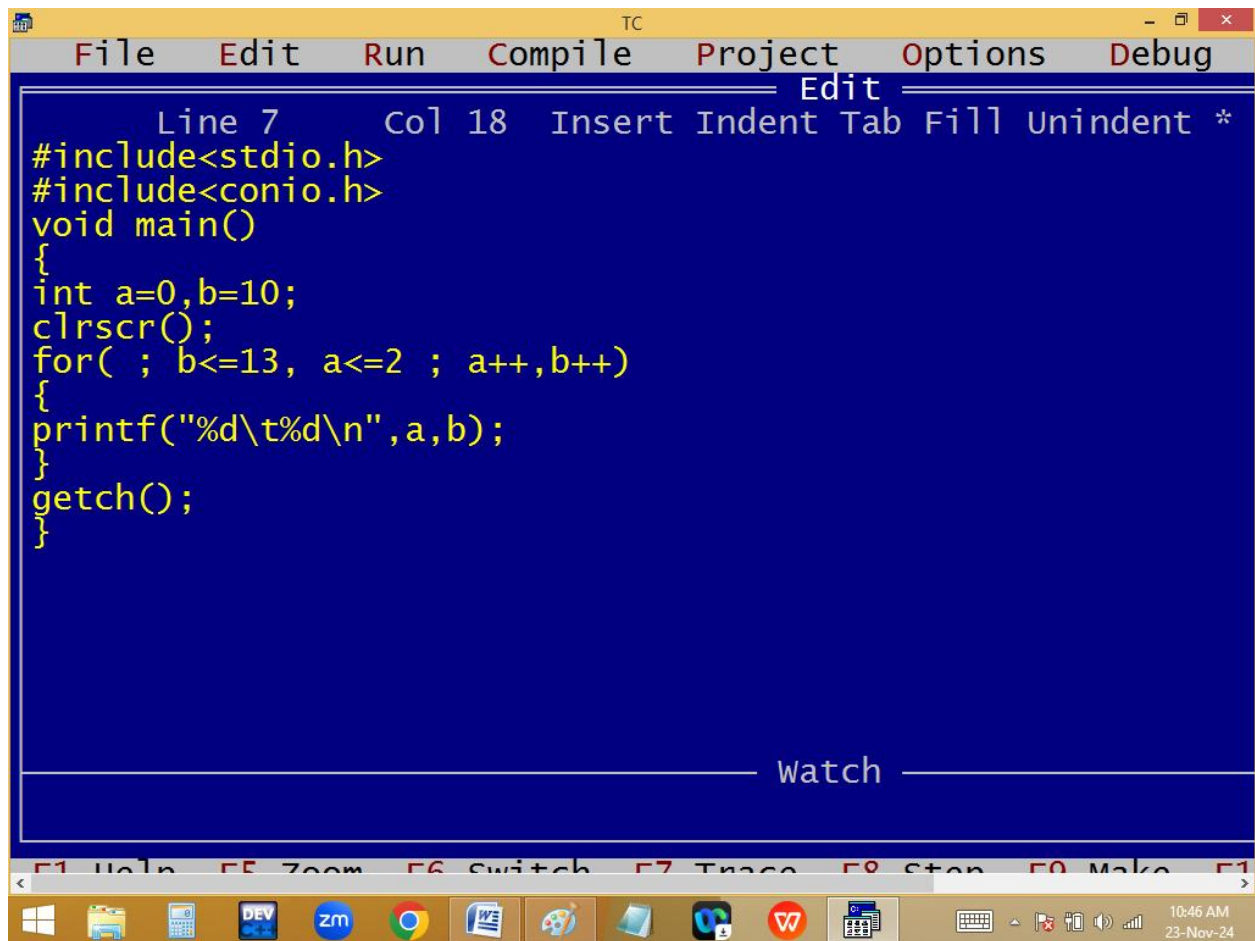
```
TC
File Edit Run Compile Project Options Debug
Edit
Line 14 Col 1 Insert Indent Tab Fill Unindent *
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0,b=10;
clrscr();
for( ;a<=2 , b<=13 ; a++,b++)
{
printf("%d\t%d\n",a,b);
}
getch();
}
```

Watch

F1 Help F5 Zoom F6 Switch F7 Trace F8 Stop F9 Make F10

10:43 AM
23-Nov-24





The image shows a screenshot of the Turbo C++ (TC) IDE. The main window has a dark blue background with yellow text. The menu bar at the top includes File, Edit, Run, Compile, Project, Options, and Debug. Below the menu bar, the text "Line 7 Col 18 Insert Indent Tab Fill Unindent *" is visible. The code being edited is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
    int a=0,b=10;
    clrscr();
    for( ; b<=13, a<=2 ; a++,b++)
    {
        printf("%d\t%d\n",a,b);
    }
    getch();
}
```

At the bottom of the IDE window, there is a "Watch" section which is currently empty. Below the IDE window, the Windows taskbar is visible, showing various application icons and the system clock indicating 10:46 AM on 23-Nov-24.

