

TC

File Edit Run Compile Project Options Debug Break/watch

Line 14 Col 15 Insert Indent Tab Fill Unindent * E:2PM.C

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

Activate Windows
Go to PC settings to activate Windows.

TC

1 2 3 4 5 6_

Activate Windows
Go to PC settings to activate Windows.

TC

File Edit Run Compile Project Options Debug Break/watch

Line 14 Col 16 Insert Indent Tab Fill Unindent * E:2PM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
int i=1;
clrscr();
while(i++<=5)
{
printf("%d\t",i);
}
printf("%d",i);
getch();
}
/* 2 3 4 5 6 7 */
```

Activate Windows
Go to PC settings to activate Windows.

02:26 PM
30-Aug-25

TC

File Edit Run Compile Project Options Debug Break/watch

Line 14 Col 15 Insert Indent Tab Fill Unindent * E:2PM.C

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

Activate Windows
Go to PC settings to activate Windows.

02:27 PM
30-Aug-25

TC

File Edit Run Compile Project Options Debug Break/watch

Line 14 Col 5 Insert Indent Tab Fill Unindent * E:2PM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
int i=1;
clrscr();
while(++i<=5);
{
printf("%d\t",i);
}
printf("%d",++i);
getch();
}
/* 6 7 */
```

Activate Windows
Go to PC settings to activate Windows.

02:29 PM
30-Aug-25

TC

File Edit Run Compile Project Options Debug Break/watch

Line 14 Col 10 Insert Indent Tab Fill Unindent * E:2PM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
int i=1;
clrscr();
while(i++<=5);
{
printf("%d\t",i);
}
printf("%d",++i);
getch();
}
/* 7 8_ */
```

Activate Windows
Go to PC settings to activate Windows.

02:30 PM
30-Aug-25

TC

File Edit Run Compile Project Options Debug Break/watch

Line 14 Col 10 Insert Indent Tab Fill Unindent * E:2PM.C

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

Activate Windows
Go to PC settings to activate Windows.

02:34 PM 30-Aug-25

TC

File Edit Run Compile Project Options Debug Break/watch

Line 14 Col 1 Insert Indent Tab Fill Unindent * E:2PM.C

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

Activate Windows
Go to PC settings to activate Windows.

02:37 PM 30-Aug-25

The screenshot displays the Turbo C++ (TC) IDE interface. The top window shows the output of a program, listing eight names: Indian0, Indian1, Indian2, Indian3, Indian4, Indian5, Indian6, and Indian7. The bottom window shows the source code of the program, which includes headers for stdio.h and conio.h, and a main function that uses printf to print the names in a loop. The IDE's menu bar and taskbar are also visible.

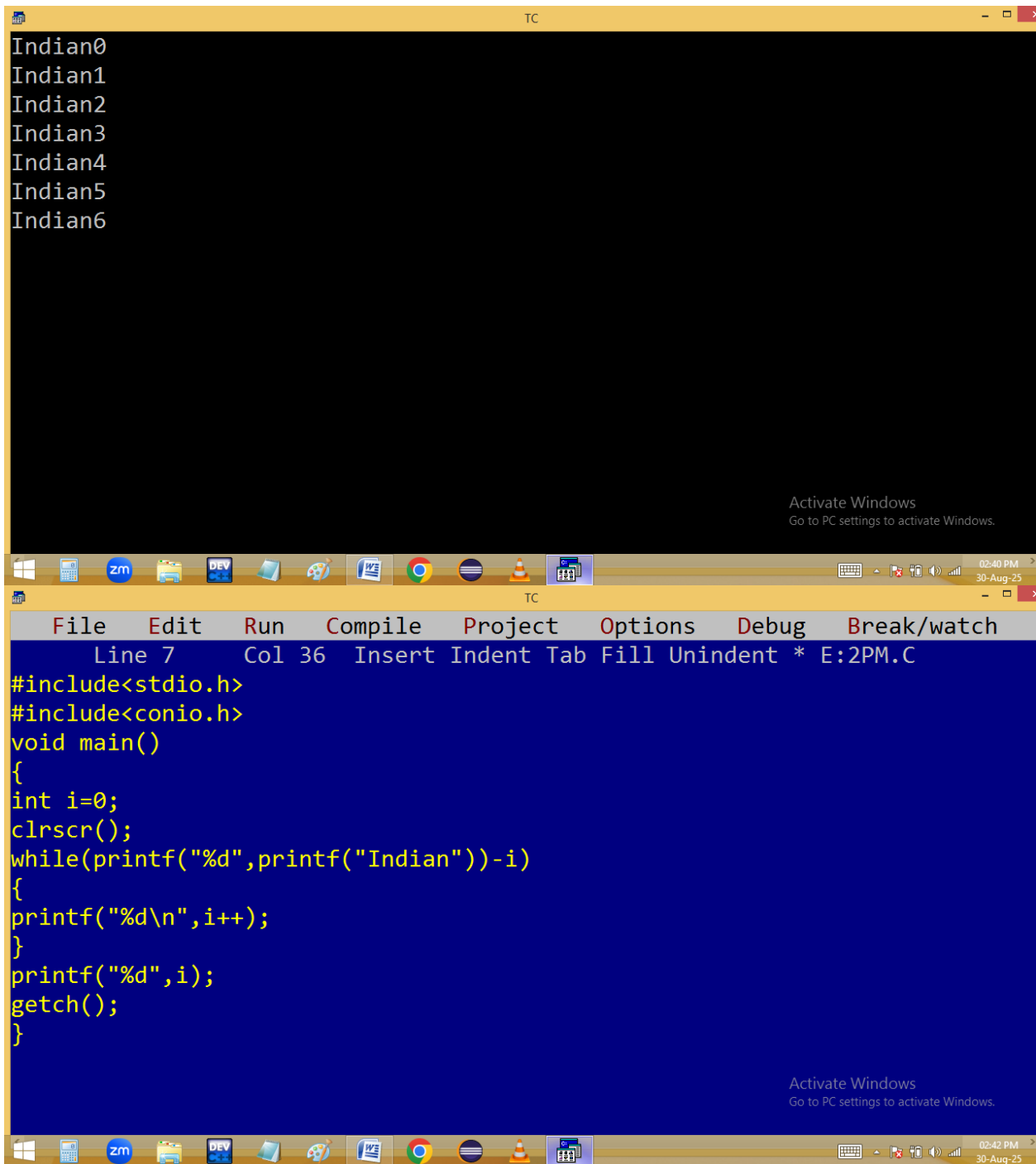
```
Indian0
Indian1
Indian2
Indian3
Indian4
Indian5
Indian6
Indian7
```

Activate Windows
Go to PC settings to activate Windows.

File Edit Run Compile Project Options Debug Break/watch
Line 7 Col 25 Insert Indent Tab Fill Unindent * E:2PM.C

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

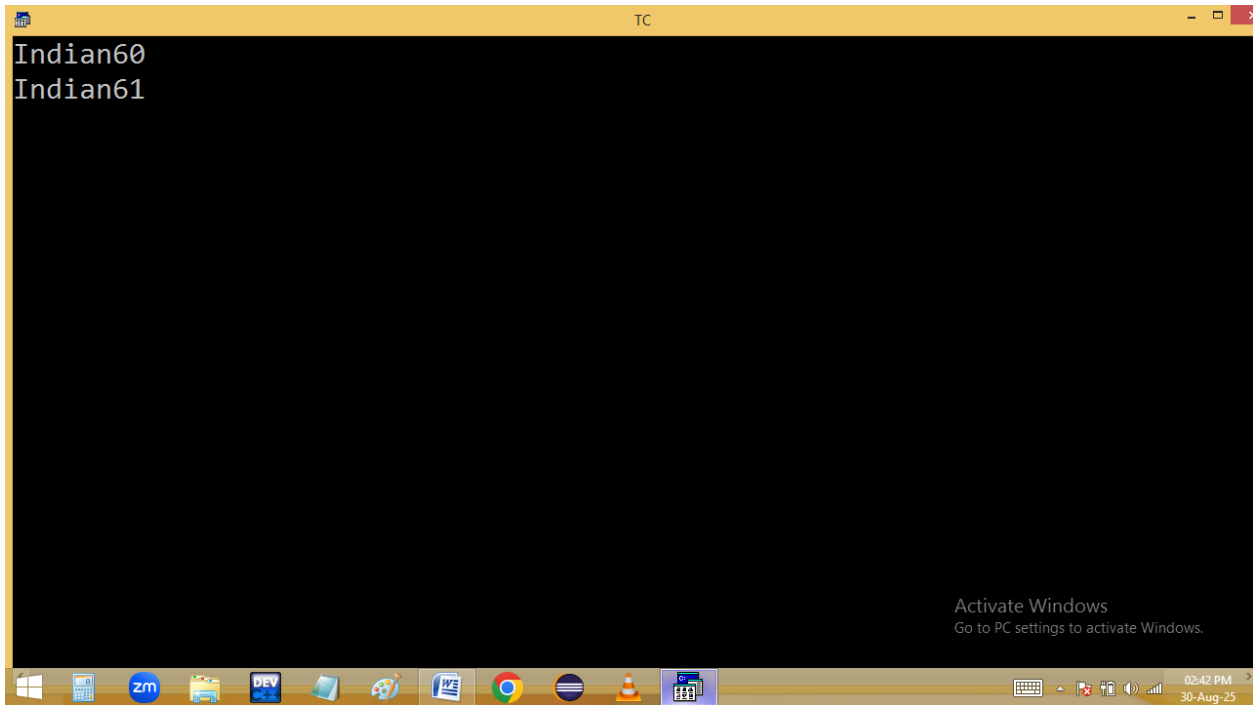
Activate Windows
Go to PC settings to activate Windows.



The image shows a screenshot of the Turbo C++ (TC) IDE. The top window displays the output of a program, listing seven names: Indian0, Indian1, Indian2, Indian3, Indian4, Indian5, and Indian6. The bottom window shows the source code of the program, which uses a while loop to print these names. The IDE interface includes a menu bar with options like File, Edit, Run, Compile, Project, Options, Debug, and Break/watch. The status bar at the bottom indicates the current line and column (Line 7, Col 36) and the file name (E:2PM.C). The Windows taskbar at the very bottom shows various application icons and the system clock (02:40 PM, 30-Aug-25).

```
Indian0
Indian1
Indian2
Indian3
Indian4
Indian5
Indian6

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



$\frac{1-0}{6} = 1 \checkmark$
 $\frac{1-1}{6} = 0$

```
while ( printf("%d", printf("Indian"))- i )  
{  
    p(i++);  
}  
p(i);
```

Handwritten annotations include arrows pointing from the $\frac{1-0}{6}$ calculation to the first `printf` call, from the $\frac{1-1}{6}$ calculation to the `6` in the `printf` format string, and from the `p(i++);` line to the `p(i);` line.

Indian 60
Indian 61

TC

File Edit Run Compile Project Options Debug Break/watch

Error: For statement missing ; in function main

```
#include<stdio.h>
#include<conio.h>
void main()
{
int i=0;
clrscr();
for( i<=5 )_
{
printf("%d\n",i++);
}
printf("%d",i);
getch();
}
```

Activate Windows
Go to PC settings to activate Windows.

02:45 PM
30-Aug-25

TC

File Edit Run Compile Project Options Debug Break/watch

Error: Do-while statement missing ; in function main

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

Activate Windows
Go to PC settings to activate Windows.

02:46 PM
30-Aug-25

TC

File Edit Run Compile Project Options Debug Break/watch

Line 14 Col 13 Insert Indent Tab Fill Unindent * E:2PM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
int i=0;
clrscr();
do
{
printf("%d\n",i);
} while(i++) ;
printf("%d",i);
getch();
}
/* 0    1 */_
```

Activate Windows
Go to PC settings to activate Windows.

02:47 PM
30-Aug-25

TC

File Edit Run Compile Project Options Debug Break/watch

Line 7 Col 20 Insert Indent Tab Fill Unindent * E:2PM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
int i;
clrscr();
for( i=0; ; );
{
printf("%d\n",i);
}
printf("%d",i);
getch();
}
/* infinite blank */
```

Activate Windows
Go to PC settings to activate Windows.

02:49 PM
30-Aug-25

TC

File Edit Run Compile Project Options Debug Break/watch

Line 7 Col 20 Insert Indent Tab Fill Unindent * E:2PM.C

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

Activate Windows
Go to PC settings to activate Windows.

02:51 PM
30-Aug-25

TC

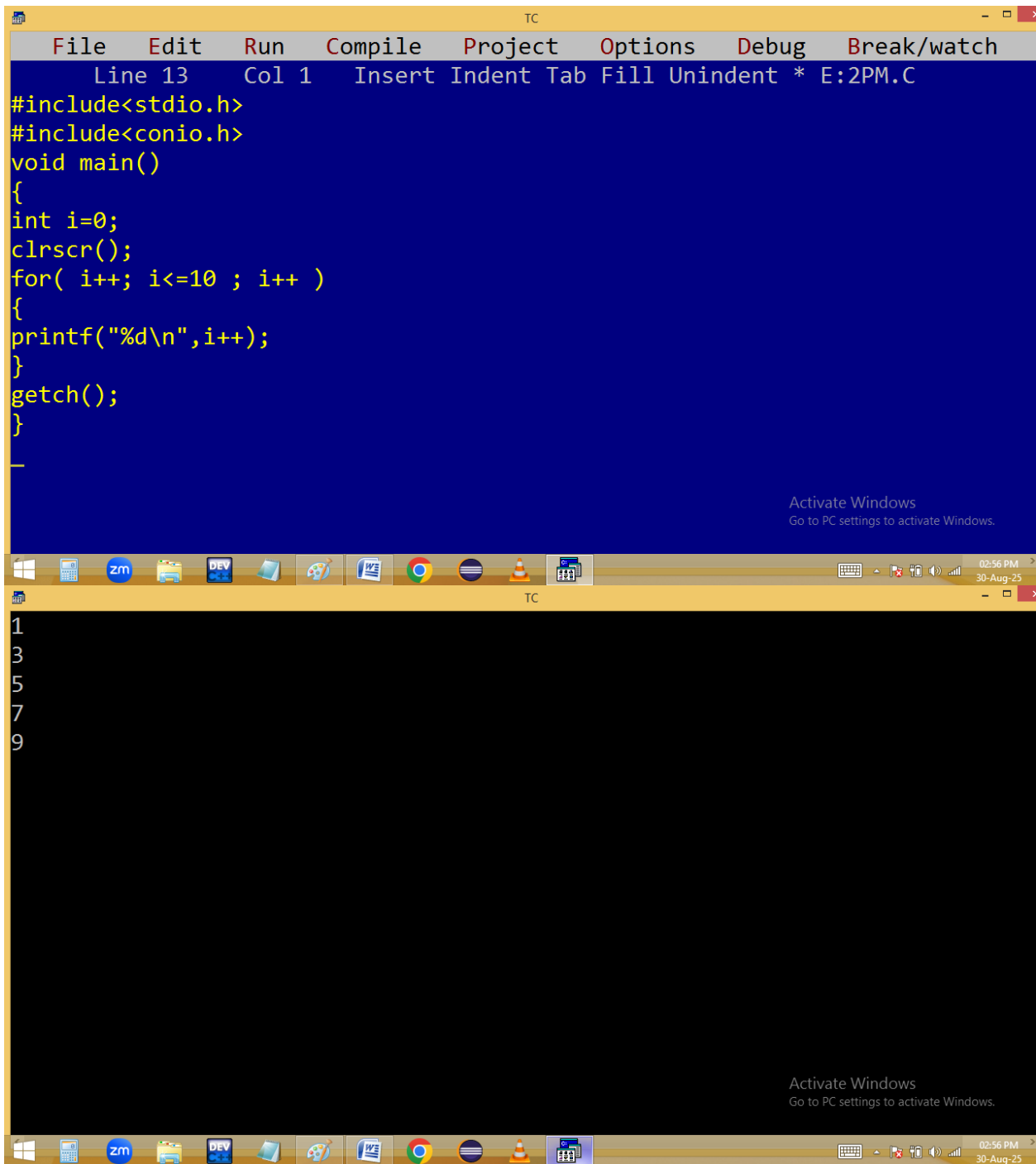
File Edit Run Compile Project Options Debug Break/watch

Line 14 Col 6 Insert Indent Tab Fill Unindent * E:2PM.C

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

Activate Windows
Go to PC settings to activate Windows.

02:53 PM
30-Aug-25



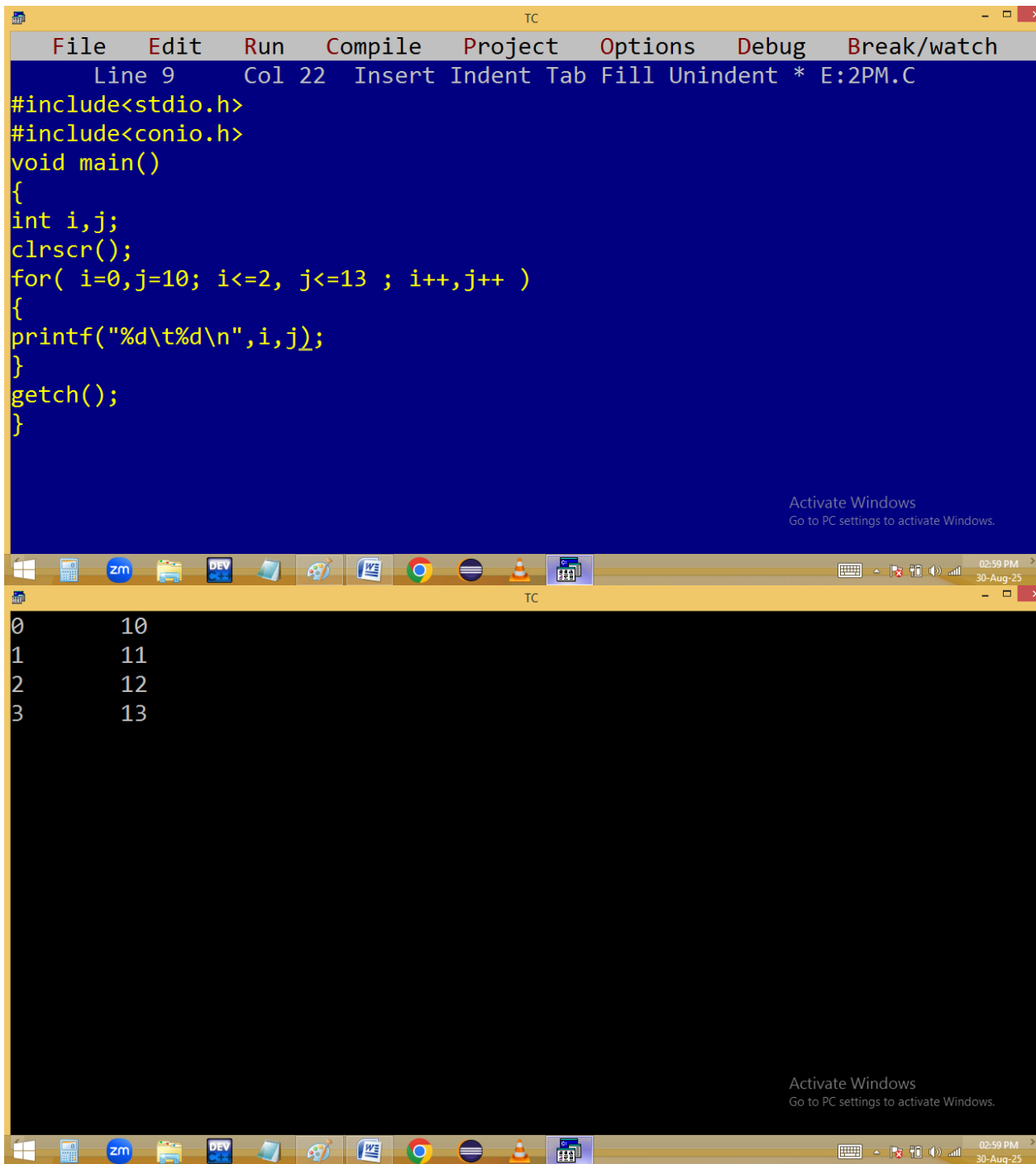
The image shows a screenshot of the Turbo C++ (TC) IDE. The top window displays a C program with the following code:

```
File Edit Run Compile Project Options Debug Break/watch
Line 13 Col 1 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int i=0;
clrscr();
for( i++; i<=10 ; i++ )
{
printf("%d\n",i++);
}
getch();
}
```

The bottom window shows the output of the program, which is a list of odd numbers from 1 to 9, each on a new line:

```
1
3
5
7
9
```

Both windows have a taskbar at the bottom with various application icons and a system tray showing the time as 02:56 PM on 30-Aug-25. An "Activate Windows" watermark is visible in the bottom right corner of both windows.



The image shows a screenshot of the Turbo C++ (TC) IDE. The top window displays a C program with the following code:

```
Line 9 Col 22 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int i,j;
clrscr();
for( i=0,j=10; i<=2, j<=13 ; i++,j++ )
{
printf("%d\t%d\n",i,j);
}
getch();
}
```

The bottom window shows the output of the program, which is a table of values for i and j:

i	j
0	10
1	11
2	12
3	13

The IDE interface includes a menu bar with options: File, Edit, Run, Compile, Project, Options, Debug, and Break/watch. The status bar at the bottom indicates the time as 02:59 PM on 30-Aug-25. An "Activate Windows" watermark is visible in the bottom right corner of both windows.

The image shows a screenshot of the Turbo C++ (TC) IDE. The top window is the source code editor, which has a blue background and yellow text. It contains the following C code:

```
File Edit Run Compile Project Options Debug Break/watch
Line 7 Col 27 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int i,j;
clrscr();
for( i=0,j=10; j<=13, i<=2_; i++,j++ )
{
printf("%d\t%d\n",i,j);
}
getch();
}
```

The bottom window is the output console, which has a black background and white text. It displays the output of the program:

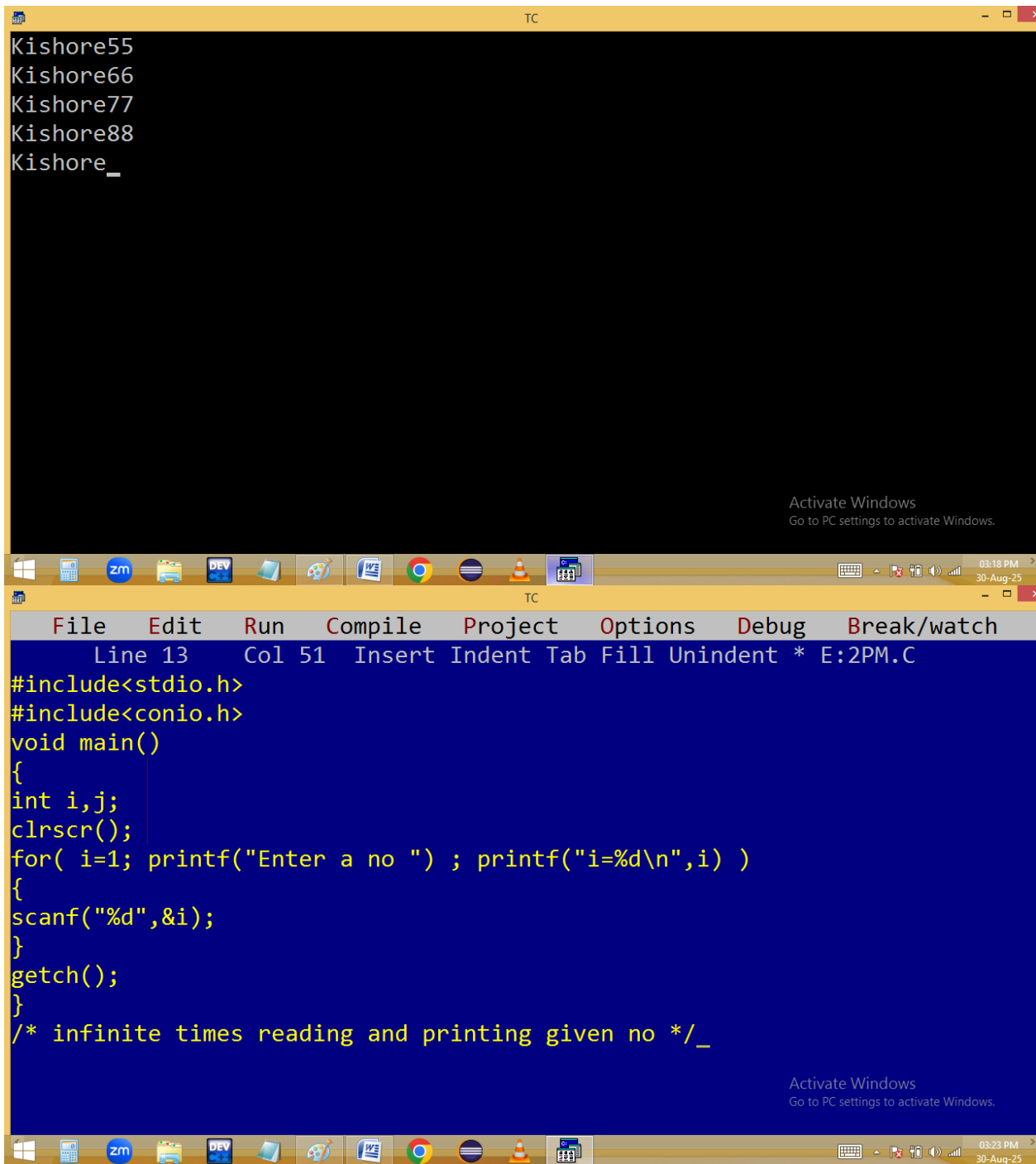
```
0      10
1      11
2      12
```

Both windows have a yellow title bar with the text "TC". The Windows taskbar is visible at the bottom of the screen, showing various application icons and the system clock indicating 03:03 PM on 30-Aug-25. An "Activate Windows" watermark is present in the bottom right corner of both the code and output windows.

```
TC
File Edit Run Compile Project Options Debug Break/watch
Line 7 Col 11 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int i,j;
clrscr();
for( i=j=5; i<=printf("Kishore"), j<=sizeof("Kishore") ; i++,j++ )
{
printf("%d%d\\n",i,j);
}
getch();
}
```

Activate Windows
Go to PC settings to activate Windows.

03:08 PM
30-Aug-25



The image shows a screenshot of the Turbo C++ (TC) IDE. The top window displays the output of a program, which prints the name "Kishore" five times, each time with an increasing subscript: "Kishore55", "Kishore66", "Kishore77", "Kishore88", and "Kishore_". The bottom window shows the source code for the program, which is saved as "E:2PM.C". The code includes the standard input/output library (`<stdio.h>`) and the console I/O library (`<conio.h>`). The `main` function uses a `for` loop to prompt the user to enter a number, which is then used as a subscript for the name "Kishore". The program also includes a comment indicating that it is designed to read and print the given number infinitely.

```
File Edit Run Compile Project Options Debug Break/watch
Line 13 Col 51 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int i,j;
clrscr();
for( i=1; printf("Enter a no ") ; printf("i=%d\n",i) )
{
scanf("%d",&i);
}
getch();
}
/* infinite times reading and printing given no */_

Activate Windows
Go to PC settings to activate Windows.
```

The image shows a screenshot of the Turbo C++ (TC) IDE. The top window displays the execution output, and the bottom window shows the source code of the program. The Windows taskbar at the bottom indicates the time is 03:23 PM on 30-Aug-25.

Execution Output (Top Window):

```
Enter a no 0
i=0
Enter a no 1
i=1
Enter a no -1
i=-1
Enter a no 1000
i=1000
Enter a no 11
i=11
Enter a no 55
i=55
Enter a no
```

Source Code (Bottom Window):

```
File Edit Run Compile Project Options Debug Break/watch
Line 13 Col 47 Insert Indent Tab Fill Unindent E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int i,j;
clrscr();
for( i=1; printf("Enter a no ")>i ; printf("i=%d\n",i) )
{
scanf("%d",&i);
}
getch();
}
/* reading and printing value until i value <=10 */
```

Both windows include an "Activate Windows" watermark in the bottom right corner.

The image shows a screenshot of the Turbo C++ (TC) IDE. The top window displays the execution output, and the bottom window shows the source code of the program.

Execution Output (Top Window):

```
Enter a no 4
i=4
Enter a no 9
i=9
Enter a no 11
i=11
Enter a no
```

Source Code (Bottom Window):

```
File Edit Run Compile Project Options Debug Break/watch
Line 13 Col 48 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int i,j;
clrscr();
for( i=1; printf("Enter a no ")-i ; printf("i=%d\n",i) )
{
scanf("%d",&i);
}
getch();
}
/* reading and printing value until i value 11 */
```

Both windows include a Windows taskbar at the bottom with various application icons and a system clock showing 03:26 PM and 03:27 PM on 30-Aug-25. An "Activate Windows" watermark is visible in the bottom right of both windows.

The image shows a screenshot of the Turbo C++ (TC) IDE. The top window displays the execution output, and the bottom window shows the source code of the program.

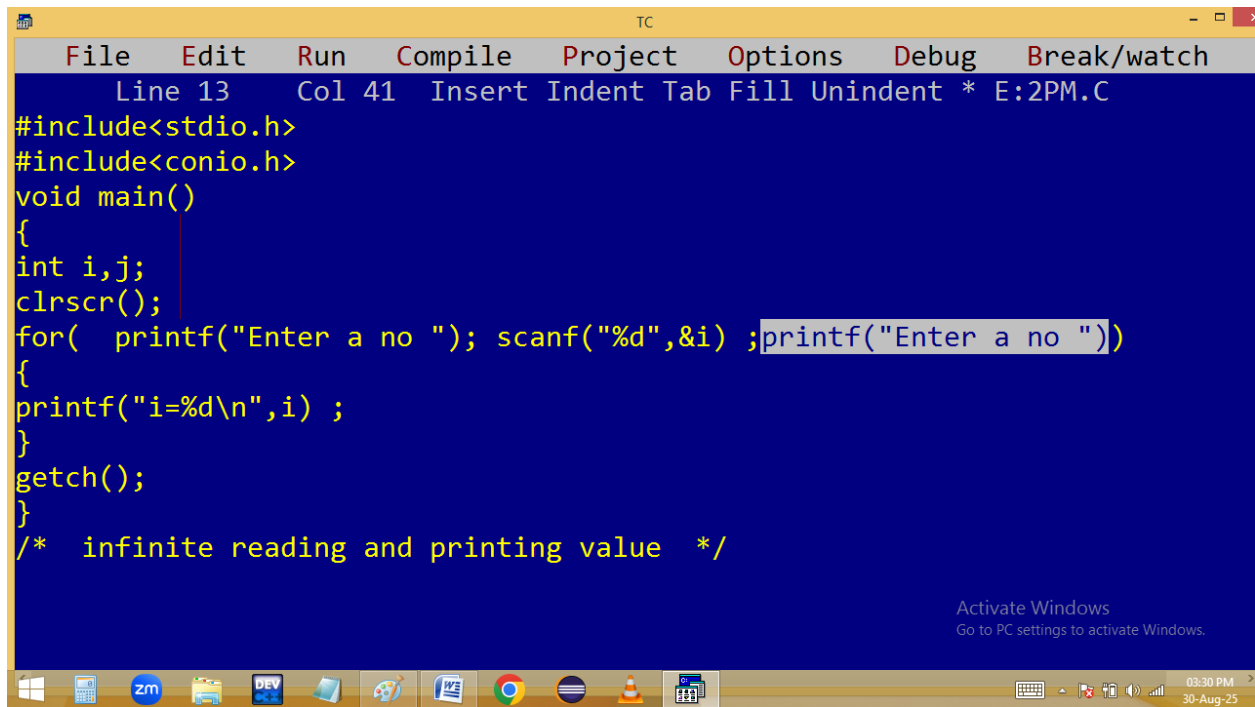
Execution Output (Top Window):

```
Enter a no 0
i=0
Enter a no 1
i=1
Enter a no 12
i=12
Enter a no 11
i=11
Enter a no _
```

Source Code (Bottom Window):

```
File Edit Run Compile Project Options Debug Break/watch
Line 13 Col 41 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int i,j;
clrscr();
for( printf("Enter a no "); scanf("%d",&i) ;printf("Enter a no "))
{
printf("i=%d\n",i) ;
}
getch();
}
/* infinite reading and printing value */
```

Both windows include a Windows taskbar at the bottom with various application icons and a system clock showing 03:27 PM and 03:30 PM on 30-Aug-25. An "Activate Windows" watermark is visible in the bottom right of both windows.



```
TC
File Edit Run Compile Project Options Debug Break/watch
Line 13 Col 41 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int i,j;
clrscr();
for( printf("Enter a no "); scanf("%d",&i) ;printf("Enter a no "))
{
printf("i=%d\n",i) ;
}
getch();
}
/* infinite reading and printing value */

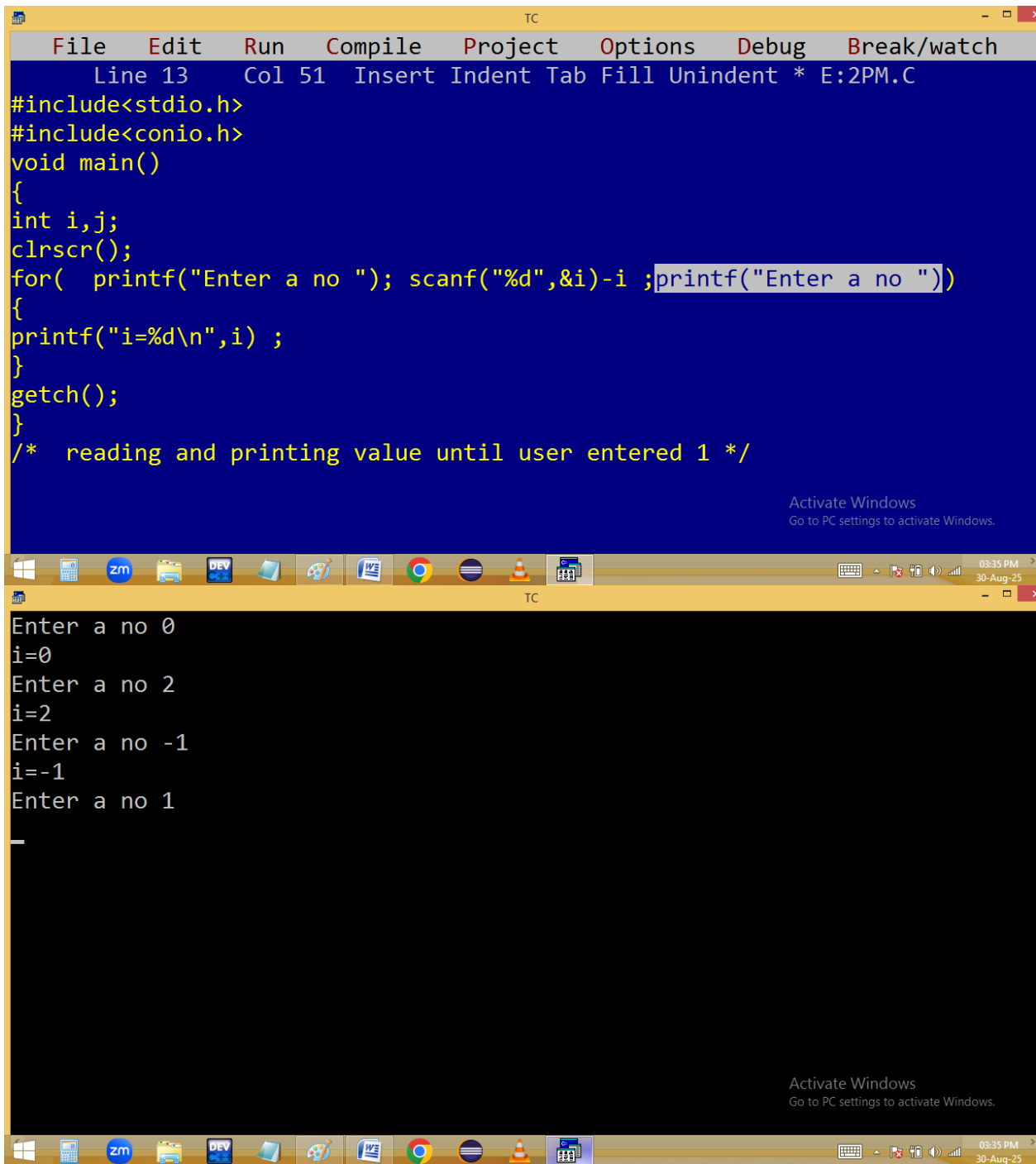
Activate Windows
Go to PC settings to activate Windows.

03:30 PM
30-Aug-25
```

The image shows a screenshot of the Turbo C++ (TC) IDE. The top window displays the source code for a C program. The code includes `<stdio.h>` and `<conio.h>`, and defines a `main` function. Inside `main`, it declares `int i, j;`, calls `clrscr();`, and enters a `for` loop. The loop body contains `printf("Enter a no "); i=scanf("%d",&i) ;printf("Enter a no ");`, `printf("i=%d\n",i) ;`, and `getch();`. A comment at the bottom of the code block reads `/* infinite reading and printing value 1_*/`. The bottom window shows the program's execution output, which displays the prompts and user inputs: "Enter a no 9", "i=1", "Enter a no 111", "i=1", "Enter a no 0", "i=1", and "Enter a no". The Windows taskbar at the bottom shows the time as 03:33 PM and 03:34 PM on 30-Aug-25.

```
File Edit Run Compile Project Options Debug Break/watch
Line 13 Col 42 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int i,j;
clrscr();
for( printf("Enter a no "); i=scanf("%d",&i) ;printf("Enter a no "))
{
printf("i=%d\n",i) ;
}
getch();
}
/* infinite reading and printing value 1_*/

Enter a no 9
i=1
Enter a no 111
i=1
Enter a no 0
i=1
Enter a no
```



The image shows a screenshot of the Turbo C++ (TC) IDE. The top window displays a C program with the following code:

```
File Edit Run Compile Project Options Debug Break/watch
Line 13 Col 51 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int i,j;
clrscr();
for( printf("Enter a no "); scanf("%d",&i)-i ;printf("Enter a no "))
{
printf("i=%d\n",i) ;
}
getch();
}
/* reading and printing value until user entered 1 */
```

The bottom window shows the execution output:

```
Enter a no 0
i=0
Enter a no 2
i=2
Enter a no -1
i=-1
Enter a no 1
_
```

Both windows include a Windows taskbar at the bottom with various application icons and a system tray showing the time as 03:35 PM on 30-Aug-25. An "Activate Windows" watermark is visible in the bottom right corner of each window.

```
TC
#include<stdio.h>
#include<conio.h>
void main()
{
int i,j;
clrscr();
for( i=1; i<=10; i++)
{
if(i==5)break;
for( j=1; j<=10; j++ )
{
if(j>i)break;
printf("%d",j) ;
}
printf("\n");
}
getch();
}

1
12
123
1234
_

TC
Activate Windows
Go to PC settings to activate Windows.
```

```
TC
#include<stdio.h>
#include<conio.h>
void main()
{
int i,j;
clrscr();
for( i=1; i<=10; i++)
{
if(i%3==0)continue;
for( j=1; j<=10; j++ )
{
if(j>i)break;
printf("%d",i) ;
}
printf("\n");
}
getch();
}
Activate Windows
Go to PC settings to activate Windows.
```

```
TC
1
22
4444
55555
7777777
88888888
101010101010101010
Activate Windows
Go to PC settings to activate Windows.
```