

TC

File Edit Run Compile Project Options Debug Break/watch

Edit

Line 7 Col 8 Indent Tab Fill Unindent * C:NONAME.C

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

TC

File Edit Run Compile Project Options Debug Break/watch

Edit

Line 13 Col 19 Indent Tab Fill Unindent * C:NONAME.C

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

TC

File Edit Run Compile Project Options Debug Break/watch

Edit

Line 13 Col 39 Insert Indent Tab Fill Unindent * C:NONAME.C

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

TC

File Edit Run Compile Project Options Debug Break/watch

Edit

Line 7 Col 30 Insert Indent Tab Fill Unindent * C:NONAME.C

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

TC

File Edit Run Compile Project Options Debug Break/watch

Edit

Line 7 Col 12 Insert Indent Tab Fill Unindent * C:NONAME.C

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

TC

File Edit Run Compile Project Options Debug Break/watch

Edit

Line 7 Col 26 Insert Indent Tab Fill Unindent * C:NONAME.C

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

TC

File Edit Run Compile Project Options Debug Break/watch

Edit

Line 14 Col 8 Insert Indent Tab Fill Unindent * C:NONAME.C

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

TC

File Edit Run Compile Project Options Debug Break/watch

Edit

Line 14 Col 21 Insert Indent Tab Fill Unindent * C:NONAME.C

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

TC

File Edit Run Compile Project Options Debug Break/watch

Edit

Line 14 Col 8 Insert Indent Tab Fill Unindent * C:NONAME.C

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

TC

File Edit Run Compile Project Options Debug Break/watch

Edit

Line 5 Col 8 Insert Indent Tab Fill Unindent * C:NONAME.C

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

4:44 PM
06/27/2022

TC

File Edit Run Compile Project Options Debug Break/watch

Edit

Line 14 Col 18 Insert Indent Tab Fill Unindent * C:NONAME.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
int i=0;
clrscr();
while(i<=5)
{
printf("%d\t",++i);
}
printf("%d",++i);
getch();
}
/* 1 2 3 4 5 6 7*/
```

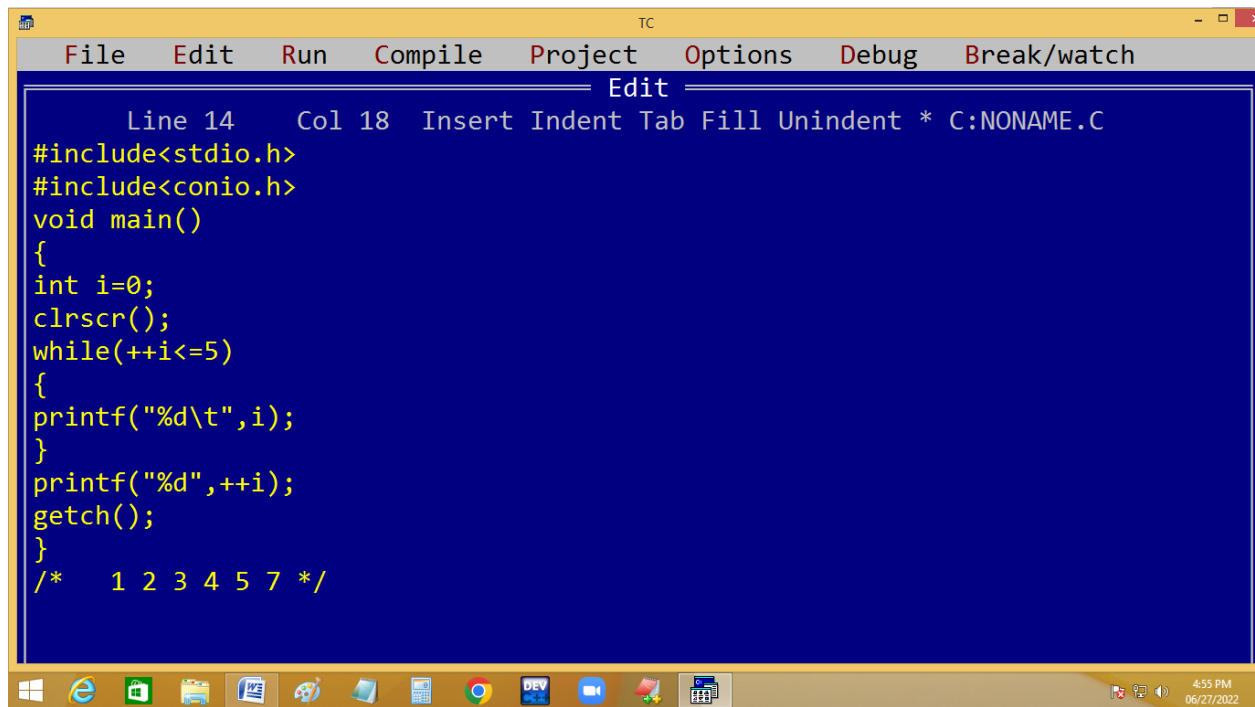
TC

File Edit Run Compile Project Options Debug Break/watch

Edit

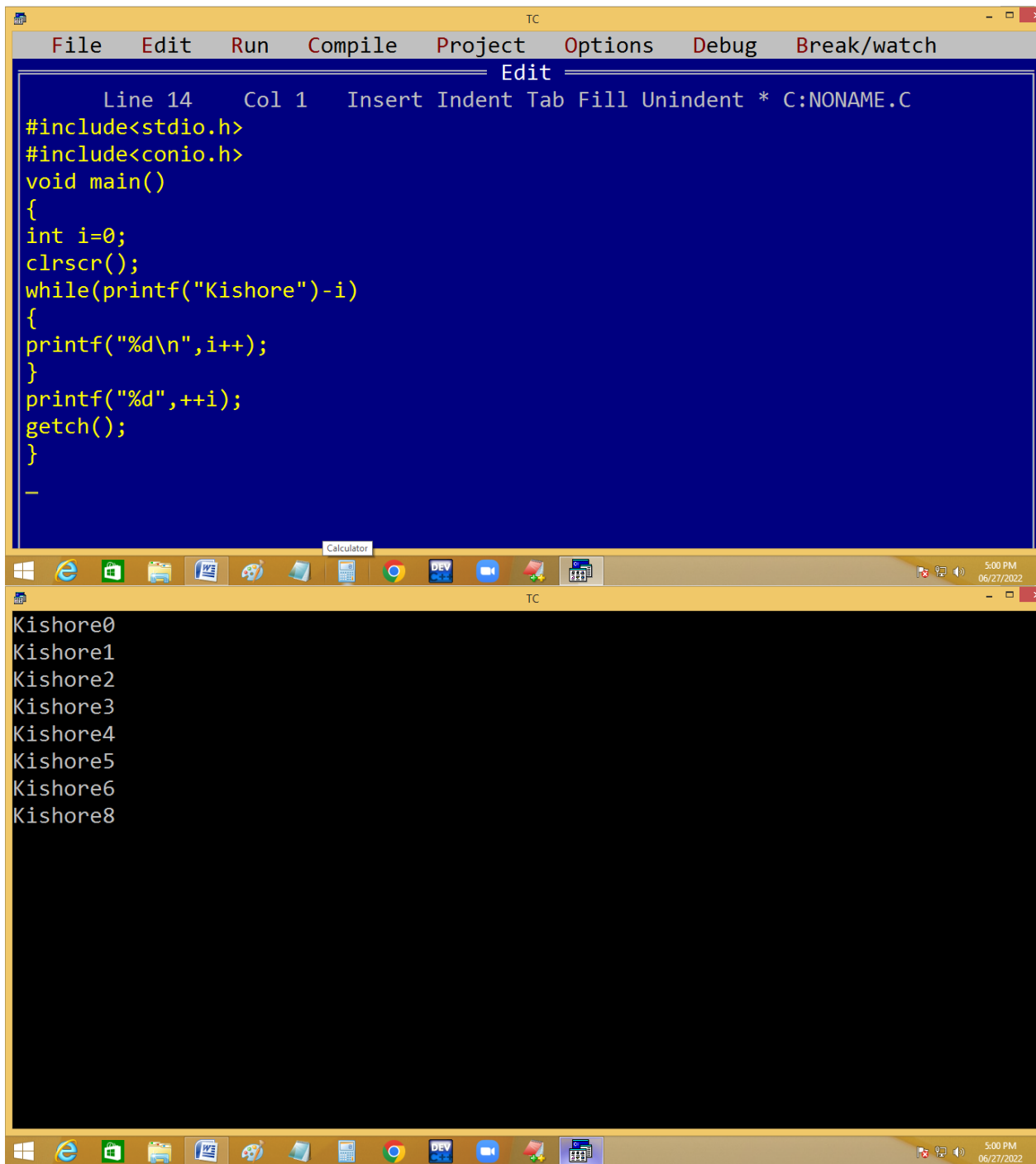
Line 14 Col 7 Insert Indent Tab Fill Unindent * C:NONAME.C

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



```
TC
File Edit Run Compile Project Options Debug Break/watch
Edit
Line 14 Col 18 Insert Indent Tab Fill Unindent * C:NONAME.C
#include<stdio.h>
#include<conio.h>
void main()
{
int i=0;
clrscr();
while(++i<=5)
{
printf("%d\t",i);
}
printf("%d",++i);
getch();
}
/*    1 2 3 4 5 7 */
```

4:55 PM
06/27/2022



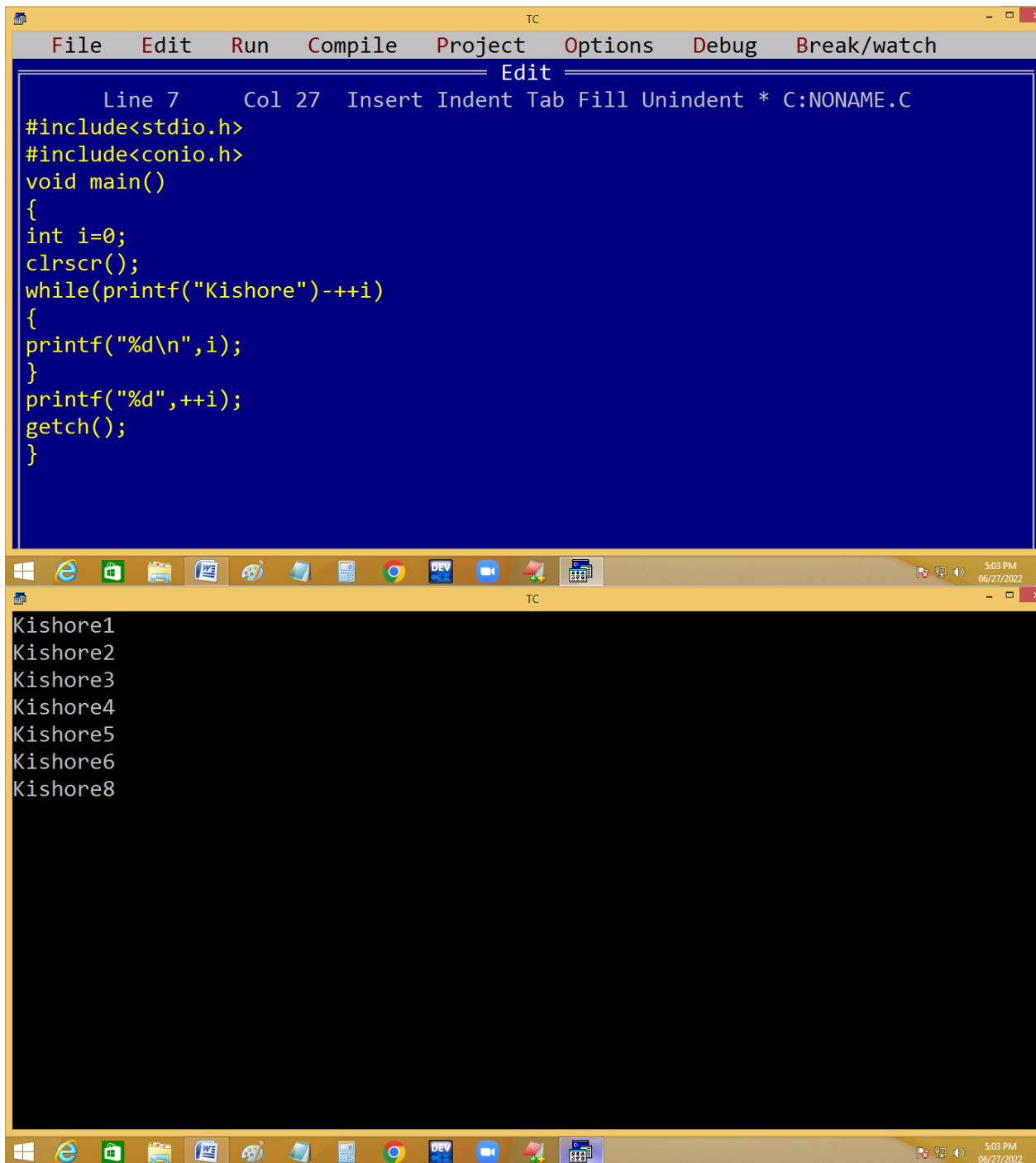
The image shows a screenshot of the Turbo C++ (TC) IDE. The top window is the 'Edit' window, displaying a C program. The code is as follows:

```
Line 14 Col 1 Insert Indent Tab Fill Unindent * C:NONAME.C
#include<stdio.h>
#include<conio.h>
void main()
{
int i=0;
clrscr();
while(printf("Kishore")-i)
{
printf("%d\n",i++);
}
printf("%d",++i);
getch();
}
—
```

The bottom window is the 'TC' window, showing the output of the program. The output is:

```
Kishore0
Kishore1
Kishore2
Kishore3
Kishore4
Kishore5
Kishore6
Kishore8
```

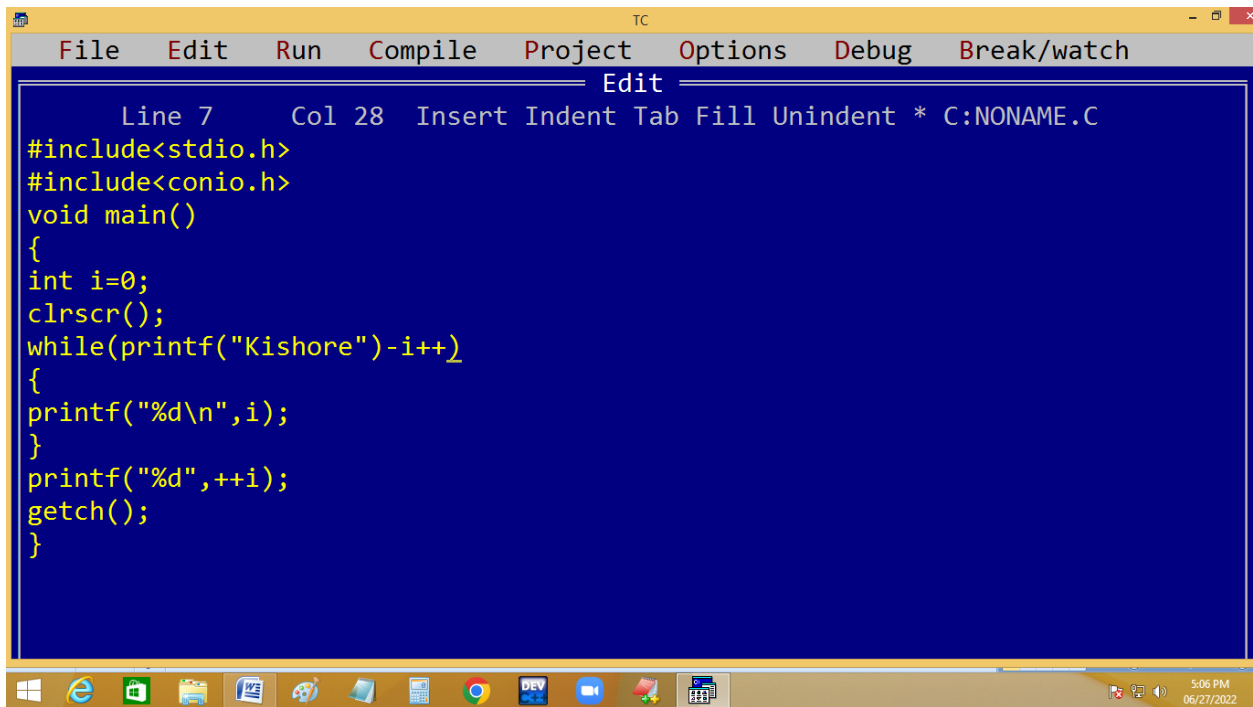
The IDE has a menu bar with 'File', 'Edit', 'Run', 'Compile', 'Project', 'Options', 'Debug', and 'Break/watch'. The status bar at the bottom right shows the time as 5:00 PM and the date as 06/27/2022.



The image shows a screenshot of the Turbo C++ (TC) IDE. The top window is the 'Edit' window, displaying a C program. The status bar at the top indicates 'Line 7 Col 27' and 'Insert Indent Tab Fill Unindent * C:NONAME.C'. The code in the editor is as follows:

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

The bottom window is the 'Output' window, which shows the execution results. It displays the name 'Kishore' printed eight times, each on a new line, followed by the number 8. The status bar at the bottom right shows the time '5:03 PM' and the date '06/27/2022'.



```
TC
File Edit Run Compile Project Options Debug Break/watch
Edit
Line 7 Col 28 Insert Indent Tab Fill Unindent * C:NONAME.C
#include<stdio.h>
#include<conio.h>
void main()
{
int i=0;
clrscr();
while(printf("Kishore")-i++)
{
printf("%d\n",i);
}
printf("%d",++i);
getch();
}
```

Windows taskbar at the bottom shows icons for File Explorer, Edge, Word, PowerPoint, Paint, Calculator, Chrome, DevTools, Teams, and a folder. The system tray on the right shows the date and time: 5:06 PM, 06/27/2022.

TC

File Edit Run Compile Project Options Debug Break/watch

Edit

Error: Do-while statement missing ; in function main

```
void main()
{
int i=0;
clrscr();
do
{
printf("%d\n",i);
} while(i++)
printf("%d",++i);
getch();
}
```

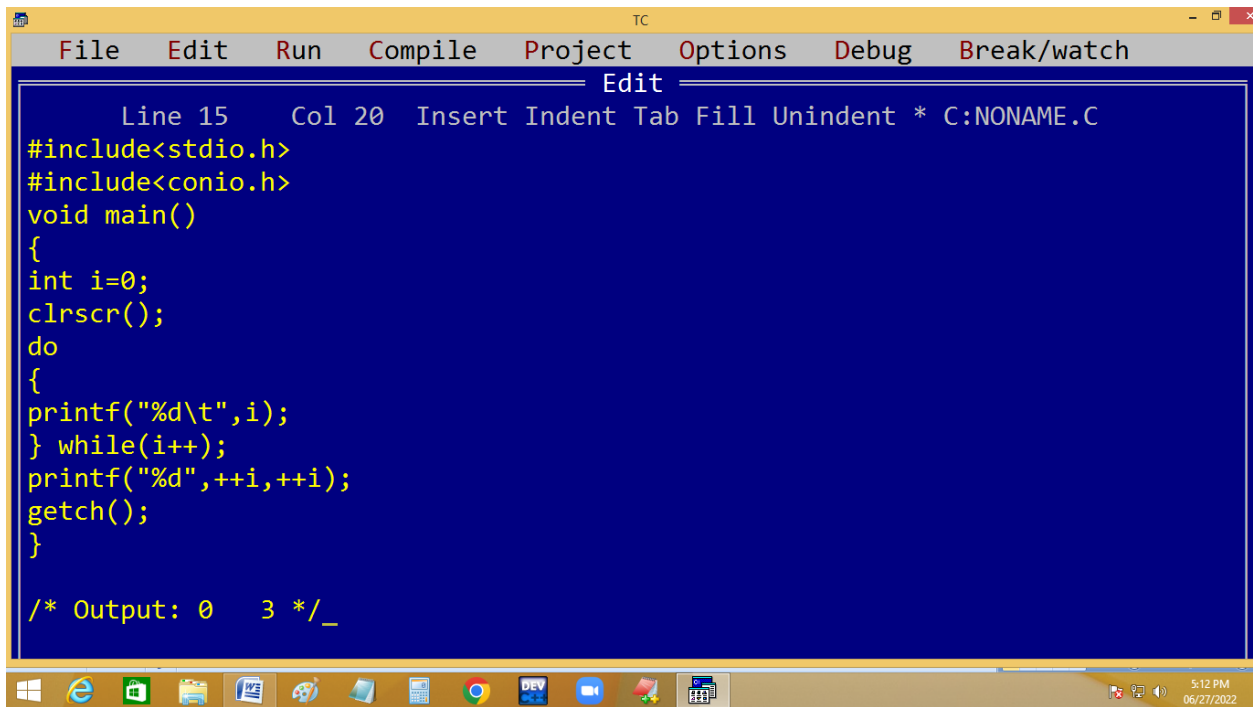
TC

File Edit Run Compile Project Options Debug Break/watch

Edit

Line 9 Col 13 Insert Indent Tab Fill Unindent * C:NONAME.C

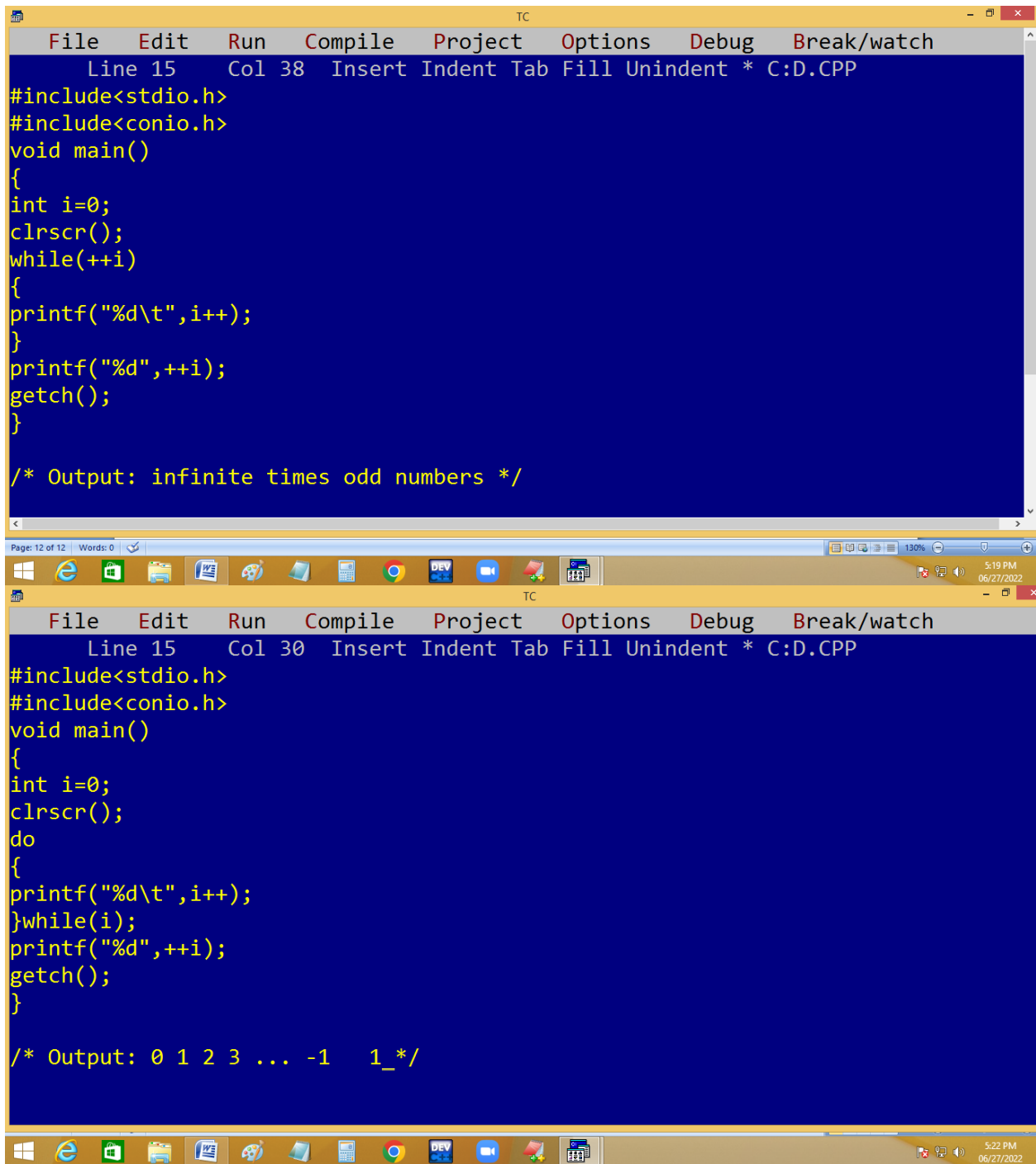
```
void main()
{
int i=0;
clrscr();
do
{
printf("%d\t",i);
} while(i++);
printf("%d",++i,++i);
getch();
}
```



```
TC
File Edit Run Compile Project Options Debug Break/watch
Edit
Line 15 Col 20 Insert Indent Tab Fill Unindent * C:\NONAME.C
#include<stdio.h>
#include<conio.h>
void main()
{
int i=0;
clrscr();
do
{
printf("%d\t",i);
} while(i++);
printf("%d",++i,++i);
getch();
}

/* Output: 0 3 */_
```

Windows taskbar icons: File Explorer, Microsoft Edge, Word, PowerPoint, Paint, Calculator, Chrome, Dev C++, Teams, OneDrive, File History, Task View, System tray (Network, Volume, Date/Time: 5:12 PM 06/27/2022).



The image displays two overlapping Turbo C++ (TC) IDE windows. Both windows show the same C++ source code for a program that prints odd numbers. The top window is slightly offset above the bottom one.

Top Window:

- Menu bar: File, Edit, Run, Compile, Project, Options, Debug, Break/watch
- Status bar: Line 15, Col 38, Insert, Indent, Tab, Fill, Unindent, * C:D.CPP
- Code:

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

/* Output: infinite times odd numbers */
```

Bottom Window:

- Menu bar: File, Edit, Run, Compile, Project, Options, Debug, Break/watch
- Status bar: Line 15, Col 30, Insert, Indent, Tab, Fill, Unindent, * C:D.CPP
- Code:

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

/* Output: 0 1 2 3 ... -1 1_*/
```

Both windows have a Windows taskbar at the bottom with various application icons and a system clock showing 5:19 PM and 5:22 PM respectively.

TC

File Edit Run Compile Project Options Debug Break/watch

Error: Expression syntax in function main

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

/* Output: 0 1 2 3 ... -1 1 */
```

TC

File Edit Run Compile Project Options Debug Break/watch

Line 14 Col 45 Insert Indent Tab Fill Unindent * C:D.CPP

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

/* Output: 0 1 2 3 ... -1 0 infinite times_*/
```

TC

File Edit Run Compile Project Options Debug Break/watch

Line 14 Col 25 Insert Indent Tab Fill Unindent * C:D.CPP

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

/* Output: Blank screen _*/
```

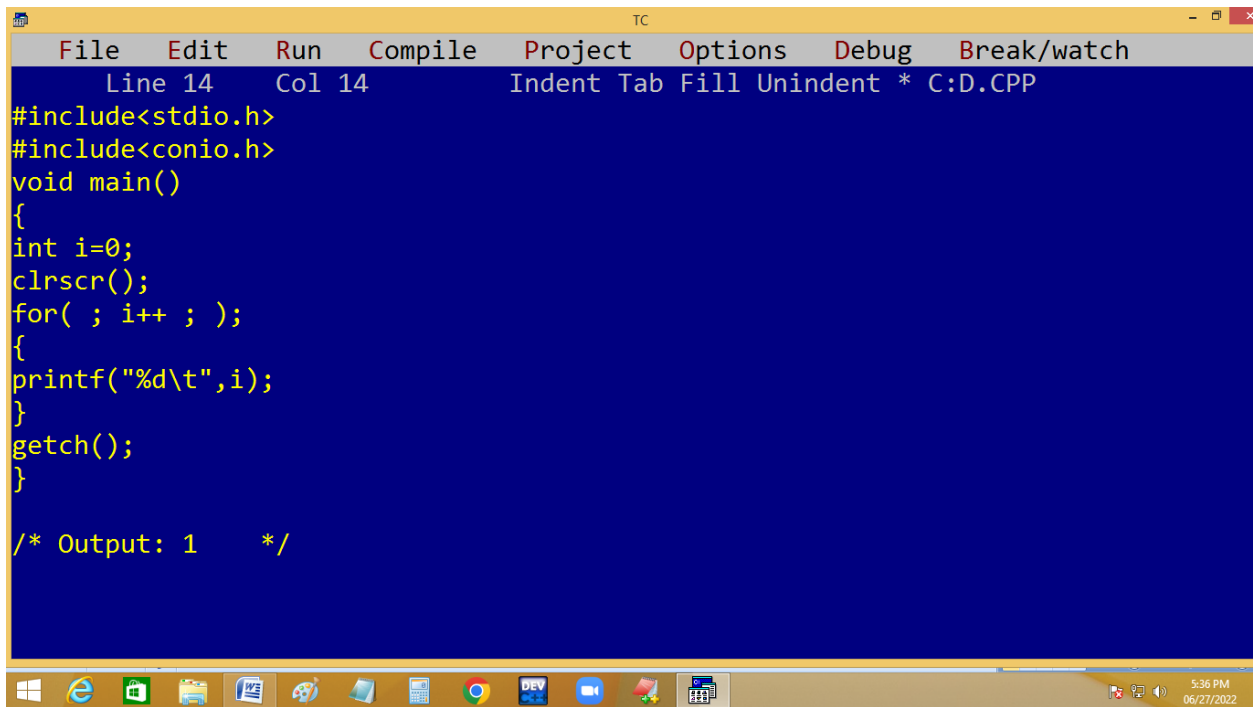
TC

File Edit Run Compile Project Options Debug Break/watch

Line 14 Col 29 Insert Indent Tab Fill Unindent * C:D.CPP

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

/* Output: 1 infinite times */
```

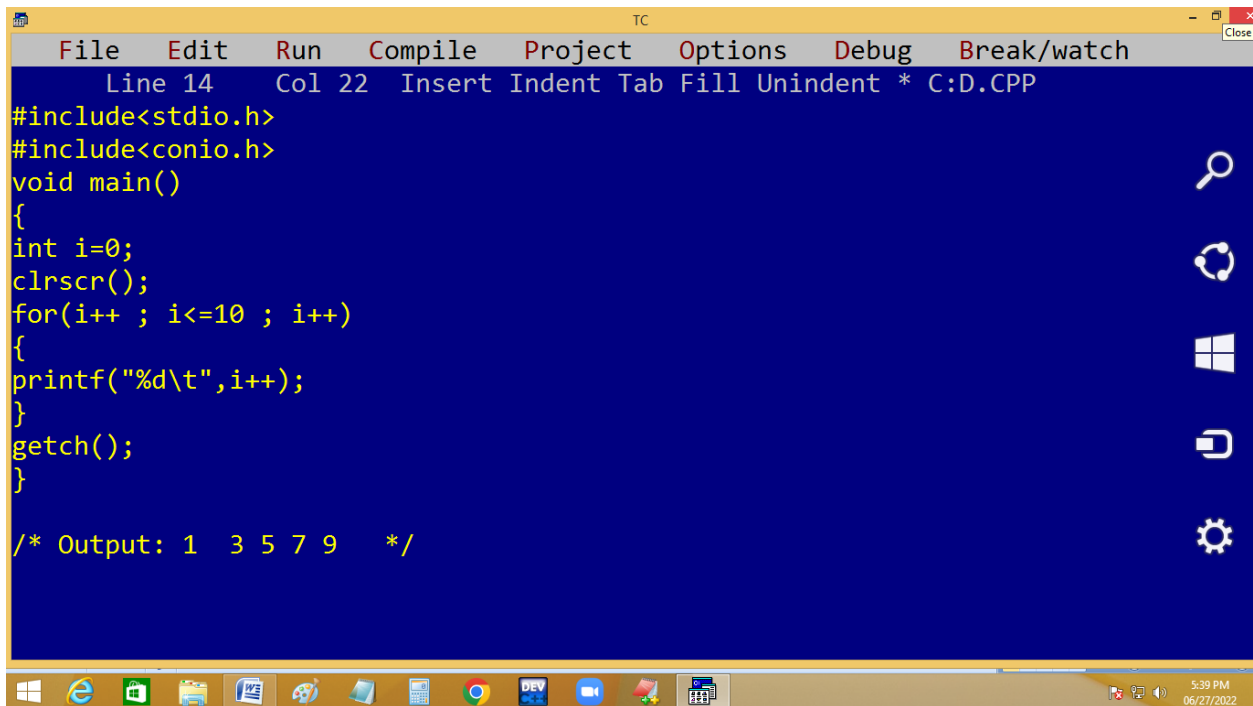


The screenshot shows the Turbo C++ (TC) IDE with a yellow title bar and a menu bar containing File, Edit, Run, Compile, Project, Options, Debug, and Break/watch. The status bar at the top indicates 'Line 14 Col 14' and 'Indent Tab Fill Unindent * C:D.CPP'. The code in the editor is as follows:

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

/* Output: 1    */
```

The Windows taskbar at the bottom shows various icons including the Start button, Internet Explorer, Word, and several utility programs. The system clock in the bottom right corner displays '5:36 PM' and '06/27/2022'.



The screenshot shows the Turbo C++ (TC) IDE with a yellow title bar and a menu bar containing File, Edit, Run, Compile, Project, Options, Debug, and Break/watch. The status bar at the top indicates 'Line 14 Col 22' and 'Insert Indent Tab Fill Unindent * C:D.CPP'. The code in the editor is as follows:

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

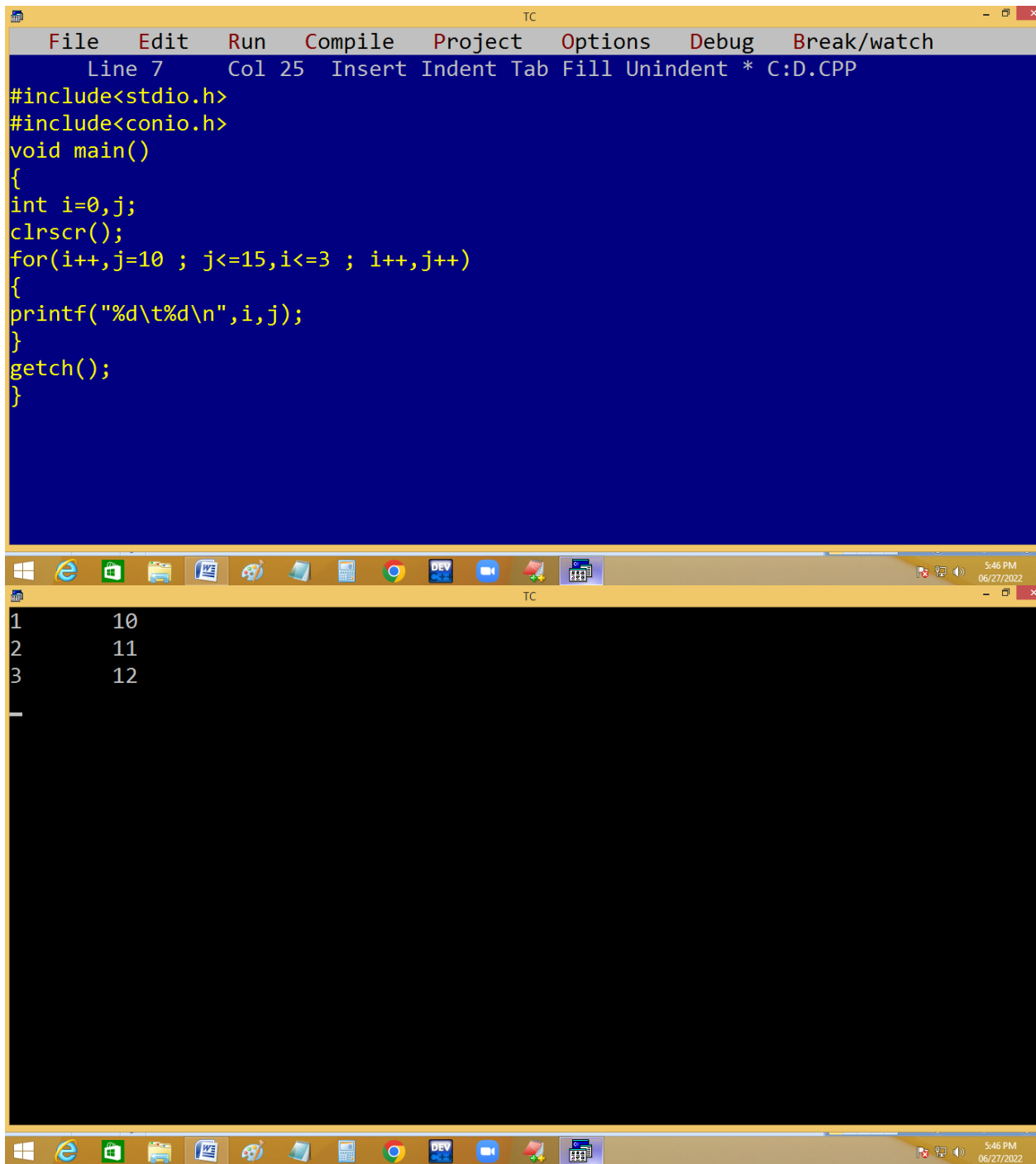
/* Output: 1  3 5 7 9    */
```

The IDE interface includes a search icon, a refresh icon, a Windows logo, a document icon, and a settings icon on the right side. The Windows taskbar at the bottom is identical to the first screenshot, showing the same set of icons and system clock displaying '5:39 PM' and '06/27/2022'.

The image shows two screenshots of the Turbo C++ (TC) IDE. The top screenshot displays the source code of a C program in a blue editor window. The code includes `<stdio.h>` and `<conio.h>`, defines a `main` function, declares an integer `i`, clears the screen with `clrscr()`, and uses a `for` loop to print the values of `i` and `j` for `j` from 10 to 15. The bottom screenshot shows the output window with a black background, displaying the results of the program: the numbers 10 through 15, each preceded by a line number from 1 to 6. The Windows taskbar at the bottom of both screenshots shows various application icons and the system clock indicating 5:45 PM on 06/27/2022.

```
File Edit Run Compile Project Options Debug Break/watch
Line 14 Col 1 Insert Indent Tab Fill Unindent * C:D.CPP
#include<stdio.h>
#include<conio.h>
void main()
{
int i=0,j;
clrscr();
for(i++,j=10 ; i<=3,j<=15 ; i++,j++)
{
printf("%d\t%d\n",i,j);
}
getch();
}
```

1 10
2 11
3 12
4 13
5 14
6 15



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 7 Col 25 Insert Indent Tab Fill Unindent * C:D.CPP
#include<stdio.h>
#include<conio.h>
void main()
{
int i=0,j;
clrscr();
for(i++,j=10 ; j<=15,i<=3 ; i++,j++)
{
printf("%d\t%d\n",i,j);
}
getch();
}
```

The bottom window shows the output of the program, which is a table with two columns: the first column contains integers from 1 to 3, and the second column contains integers from 10 to 12. The output is as follows:

1	10
2	11
3	12

The Windows taskbar at the bottom shows the time as 5:46 PM on 06/27/2022.

The image shows two screenshots of the Turbo C++ (TC) IDE. The top screenshot displays the source code of a C program in a blue editor window. The code includes `<stdio.h>` and `<conio.h>`, and defines a `main` function that clears the screen, prompts the user to enter a number, and prints it. The bottom screenshot shows the same IDE with the program's output in a black console window, where the user has entered several numbers (1, 2, 3, 4, 5, 0, 9) and the program has responded by printing each one. The Windows taskbar at the bottom of both screenshots shows various application icons and the system clock indicating 5:49 PM on 06/27/2022.

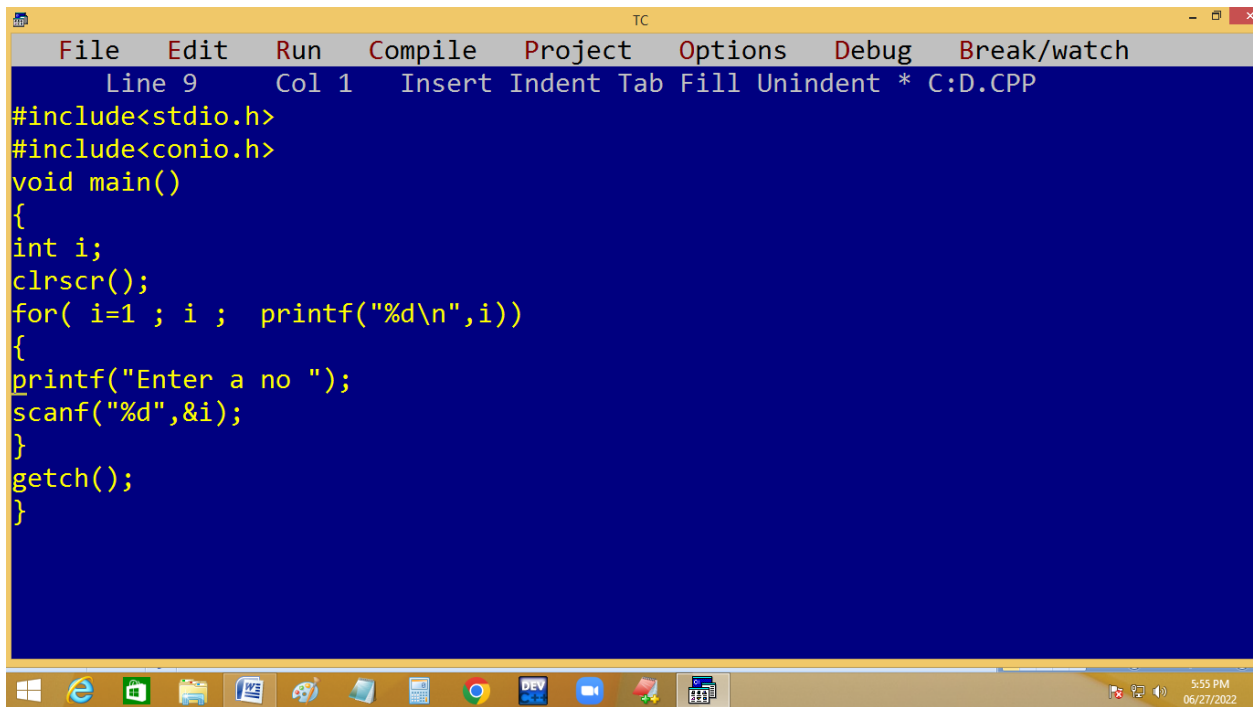
```
TC
File Edit Run Compile Project Options Debug Break/watch
Line 6 Col 51 Insert Indent Tab Fill Unindent * C:D.CPP
#include<stdio.h>
#include<conio.h>
void main()
{
int i;
clrscr();
for( i=0 ; printf("Enter a no "); printf("%d\n",i))
{
scanf("%d",&i);
}
getch();
}
```

Enter a no 1
1
Enter a no 2
2
Enter a no 3
3
Enter a no 4
4
Enter a no 5
5
Enter a no 0
0
Enter a no 9
9
Enter a no ^C
_

The image shows a screenshot of the Turbo C++ (TC) IDE. The top window displays the source code of a C program. The code includes headers for `stdio.h` and `conio.h`, and defines a `main` function. Inside `main`, it declares an integer `i`, clears the screen with `clrscr()`, and enters a loop that prints "Enter a no " followed by a tab and a call to `printf("%d\n", i)`. Inside the loop, it reads an integer from the user using `scanf("%d", &i)` and then calls `getch()` to wait for a key press. The bottom window shows the program's execution. It displays the prompt "Enter a no " followed by a tab, and then shows the user's input (0, 1, 11) and the corresponding output (0, 1, 11) on separate lines. The status bar at the bottom of the IDE indicates the current line and column (Line 10, Col 37) and the file path (C:\D.CPP).

```
File Edit Run Compile Project Options Debug Break/watch
Line 10 Col 37 Insert Indent Tab Fill Unindent * C:D.CPP
#include<stdio.h>
#include<conio.h>
void main()
{
int i;
clrscr();
for( i=0 ; printf("Enter a no ") - i; printf("%d\n", i))
{
scanf("%d", &i);
}
getch();
}
```

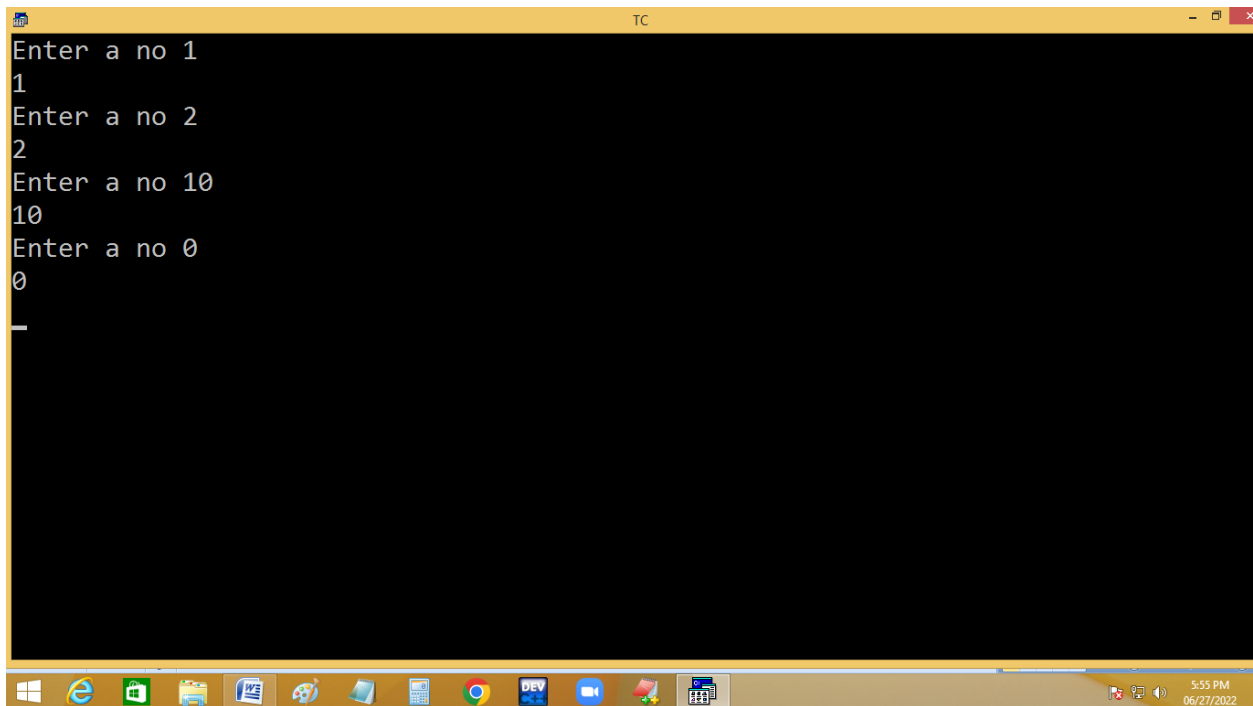
Enter a no 0
0
Enter a no 1
1
Enter a no 11
11
Enter a no _



The screenshot shows the Turbo C++ (TC) IDE with a yellow title bar and a menu bar containing File, Edit, Run, Compile, Project, Options, Debug, and Break/watch. The status bar at the top indicates 'Line 9 Col 1' and 'Insert Indent Tab Fill Unindent * C:D.CPP'. The main editing area has a blue background and contains the following C++ code:

```
#include<stdio.h>
#include<conio.h>
void main()
{
int i;
clrscr();
for( i=1 ; i ; printf("%d\n",i))
{
printf("Enter a no ");
scanf("%d",&i);
}
getch();
}
```

The Windows taskbar at the bottom shows various application icons and the system clock displaying 5:55 PM on 06/27/2022.



This screenshot shows the same Turbo C++ IDE after the program has been executed. The output window displays the following text:

```
Enter a no 1
1
Enter a no 2
2
Enter a no 10
10
Enter a no 0
0
_
```

The program's logic is demonstrated: it prints numbers 1 through 10, and for each number, it prompts the user to 'Enter a no'. The user's input is then displayed on the next line. The input '0' is shown at the bottom, followed by a cursor underscore. The Windows taskbar at the bottom remains the same, showing the system clock at 5:55 PM on 06/27/2022.