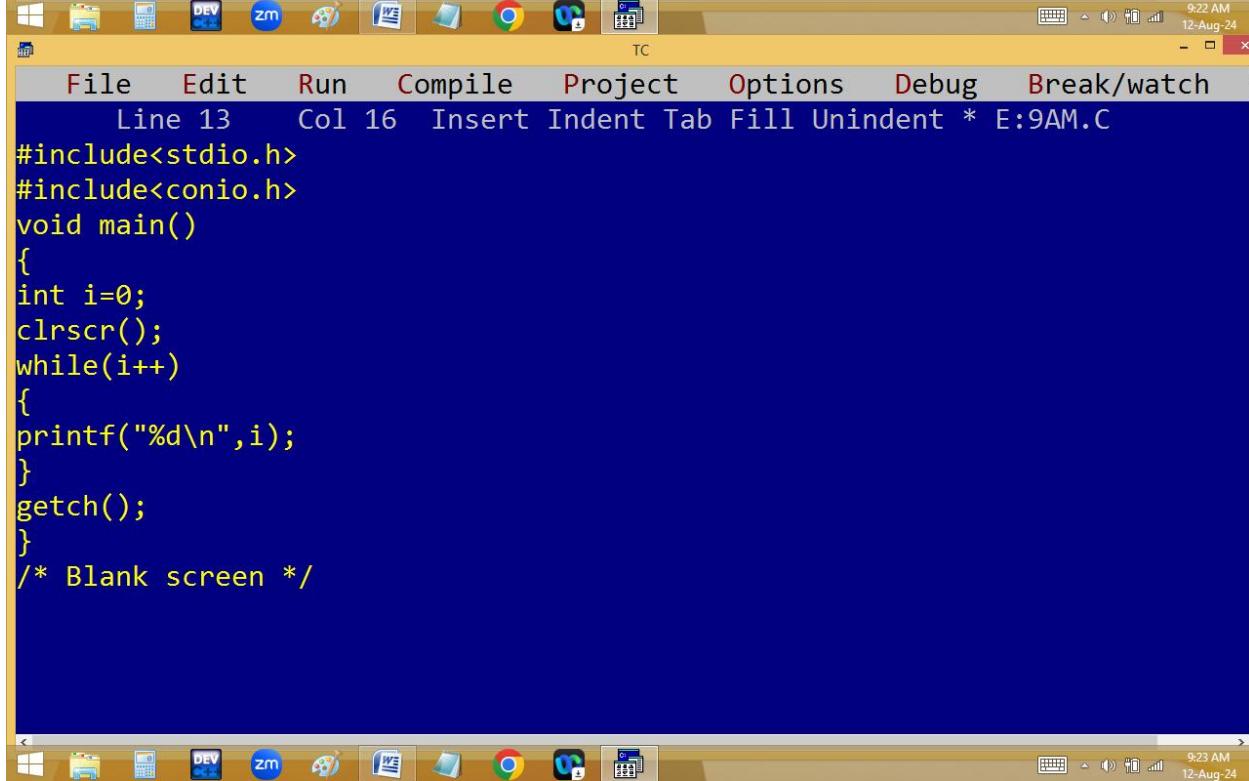


TC

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();
while()
{
printf("%d\n",i++);
}
getch();
}
/* Error */
```



TC

File Edit Run Compile Project Options Debug Break/watch

Line 13 Col 16 Insert Indent Tab Fill Unindent * E:9AM.C

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

The screenshot shows a Windows desktop with two windows of a code editor application titled "TC".

The top window has the following details:

- Menu bar: File, Edit, Run, Compile, Project, Options, Debug, Break/watch.
- Status bar: Line 9 Col 13 Insert Indent Tab Fill Unindent * E:9AM.C
- Code content:

```
#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 */
```

The bottom window has the following details:

- Menu bar: File, Edit, Run, Compile, Project, Options, Debug, Break/watch.
- Status bar: Line 13 Col 6 Insert Indent Tab Fill Unindent * E:9AM.C
- Code content:

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

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

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

TC

File Edit Run Compile Project Options Debug Break/watch

Line 7 Col 11 Insert Indent Tab Fill Unindent * E:9AM.C

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

TC

File Edit Run Compile Project Options Debug Break/watch

Line 7 Col 25 Insert Indent Tab Fill Unindent E:9AM.C

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

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

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

The screenshot shows a Windows desktop environment with two identical windows of a C compiler application side-by-side. Both windows have a title bar 'TC' and a menu bar with options: File, Edit, Run, Compile, Project, Options, Debug, Break/watch. The status bar at the bottom of each window displays 'Line 13 Col 10 Insert Indent Tab Fill Unindent * E:9AM.C'. The code in both windows is identical:

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

The screenshot shows a Windows desktop environment with two identical windows of a C compiler application side-by-side. Both windows have a title bar 'TC' and a menu bar with options: File, Edit, Run, Compile, Project, Options, Debug, Break/watch. The status bar at the bottom of each window displays 'Line 7 Col 10 Insert Indent Tab Fill Unindent * E:9AM.C'. The code in both windows is identical:

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

The screenshot shows a Windows desktop environment with two identical windows of a C compiler application side-by-side. Both windows have a title bar 'TC' and a menu bar with options: File, Edit, Run, Compile, Project, Options, Debug, and Break/watch. The status bar at the bottom of each window displays 'Line 13 Col 10 Insert Indent Tab Fill Unindent * E:9AM.C'. The code in both windows is identical:

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

The screenshot shows a Windows desktop environment with two identical windows of a C compiler application side-by-side. Both windows have a title bar 'TC' and a menu bar with options: File, Edit, Run, Compile, Project, Options, Debug, and Break/watch. The status bar at the bottom of each window displays 'Line 13 Col 4 Insert Indent Tab Fill Unindent * E:9AM.C'. The code in both windows is identical:

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

The screenshot shows a Windows desktop environment with two identical windows of a C compiler application side-by-side. Both windows have a title bar 'TC' and a menu bar with options: File, Edit, Run, Compile, Project, Options, Debug, Break/watch. The status bar at the bottom of each window displays 'Line 13 Col 5 Insert Indent Tab Fill Unindent * E:9AM.C'. The code in both windows is identical:

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

The screenshot shows a Windows desktop environment with two identical windows of a C compiler application side-by-side. Both windows have a title bar 'TC' and a menu bar with options: File, Edit, Run, Compile, Project, Options, Debug, Break/watch. The status bar at the bottom of each window displays 'Line 14 Col 11 Insert Indent Tab Fill Unindent * E:9AM.C'. The code in both windows is identical:

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

```
#include<stdio.h>
#include<conio.h>
void main()
{
int i=0;
clrscr();
while(i<=5)
{
printf("%d\t",++i);
}
printf("%d",++i);
getch();
}
/* 1 to_7 */
```

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

```
File Edit Run Compile Project Options Debug Break/watch
Line 14 Col 12 Insert Indent Tab Fill Unindent * E:9AM.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 to 5 7 */
```

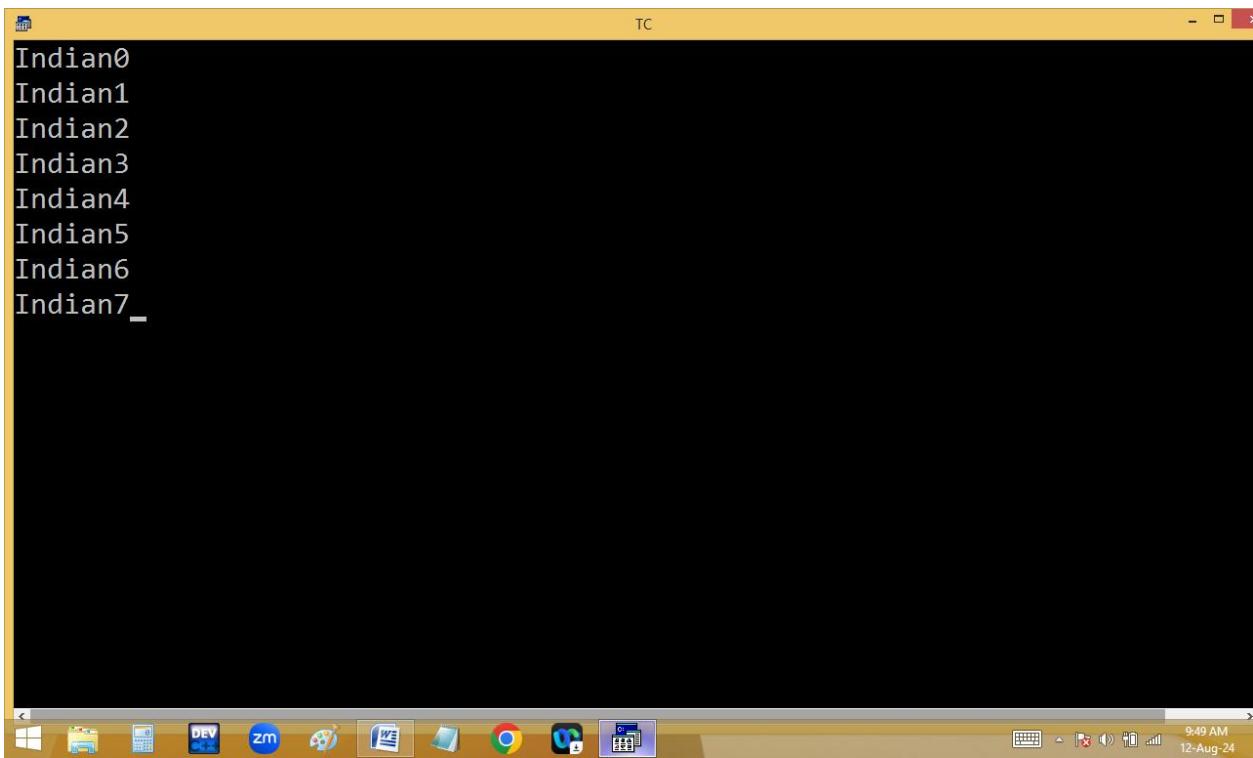
```
File Edit Run Compile Project Options Debug Break/watch
Line 14 Col 7 Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int i=0;
clrscr();
while(i++<=5);
{
printf("%d\t",i);
}
printf("%d",++i);
getch();
}
/* 7 8 */
```

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

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

```
TC
File Edit Run Compile Project Options Debug Break/watch
Line 14 Col 10 Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int i=0;
clrscr();
while(++i);
{
printf("%d\t",i);
}
printf("%d",++i);
getch();
}
/* 0 1 */
```

```
TC
File Edit Run Compile Project Options Debug Break/watch
Line 9 Col 13 Insert Indent Tab Fill Unindent * E:9AM.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();
}
/* Indian0 to Indian7 */
```



A screenshot of a Windows desktop environment. At the top, there is a taskbar with various icons. Below the taskbar is a terminal window titled "TC". The terminal window has a menu bar with options: File, Edit, Run, Compile, Project, Options, Debug, and Break/watch. The status bar at the bottom of the terminal window shows "Line 14 Col 22 Insert Indent Tab Fill Unindent * E:9AM.C". The main area of the terminal window contains the following C code:

```
#include<stdio.h>
#include<conio.h>
void main()
{
int i=0;
clrscr();
while_printf("Indian")-i)
{
printf("%d\n",i++);
}
printf("%d",i);
getch();
}
/* Indian0 to Indian6 */
```

The terminal window displays the output of the program, which is the string "Indian" repeated seven times, each preceded by its index from 0 to 6. The output is as follows:

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

The screenshot shows a Windows desktop environment with two identical windows of a C compiler application side-by-side. Both windows have a title bar 'TC' and a menu bar with options: File, Edit, Run, Compile, Project, Options, Debug, and Break/watch. The status bar at the bottom of each window displays 'Line 14 Col 13 Insert Indent Tab Fill Unindent * E:9AM.C'. The code in both windows is identical:

```
#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();
}
/* Indian60 Indian61 */
```

The screenshot shows a Windows desktop environment with two identical windows of a C compiler application side-by-side. Both windows have a title bar 'TC' and a menu bar with options: File, Edit, Run, Compile, Project, Options, Debug, and Break/watch. The status bar at the bottom of each window displays 'Line 14 Col 12 Insert Indent Tab Fill Unindent * E:9AM.C'. The code in both windows is identical:

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

The screenshot shows a Windows desktop with two code editors open side-by-side. Both editors have a dark blue background and a light gray header bar. The top header bar contains menu items: File, Edit, Run, Compile, Project, Options, Debug, Break/watch, Line 14, Col 44, Insert, Indent, Tab, Fill, Unindent, * E:9AM.C.

```
#include<stdio.h>
#include<conio.h>
void main()
{
int i=0;
clrscr();
while(i=printf("kishore")-i)
{
printf("%d\n",i++);
}
printf("%d",i);
getch();
}
/* kishore7 and kishore-1 infinite times_*/
```

The second code editor window shows the same code as the first, but with a red error message at the top: "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++)
getch();
}
/* Error */
```

The image shows a Windows desktop environment with a terminal window and a code editor.

Terminal Window:

```
0
1
```

Code Editor (TC):

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

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

The code editor interface includes a menu bar with File, Edit, Run, Compile, Project, Options, Debug, and Break/watch. The status bar at the bottom shows the current file name as E:9AM.C and the current time as 10:03 AM on 12-Aug-24.

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

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

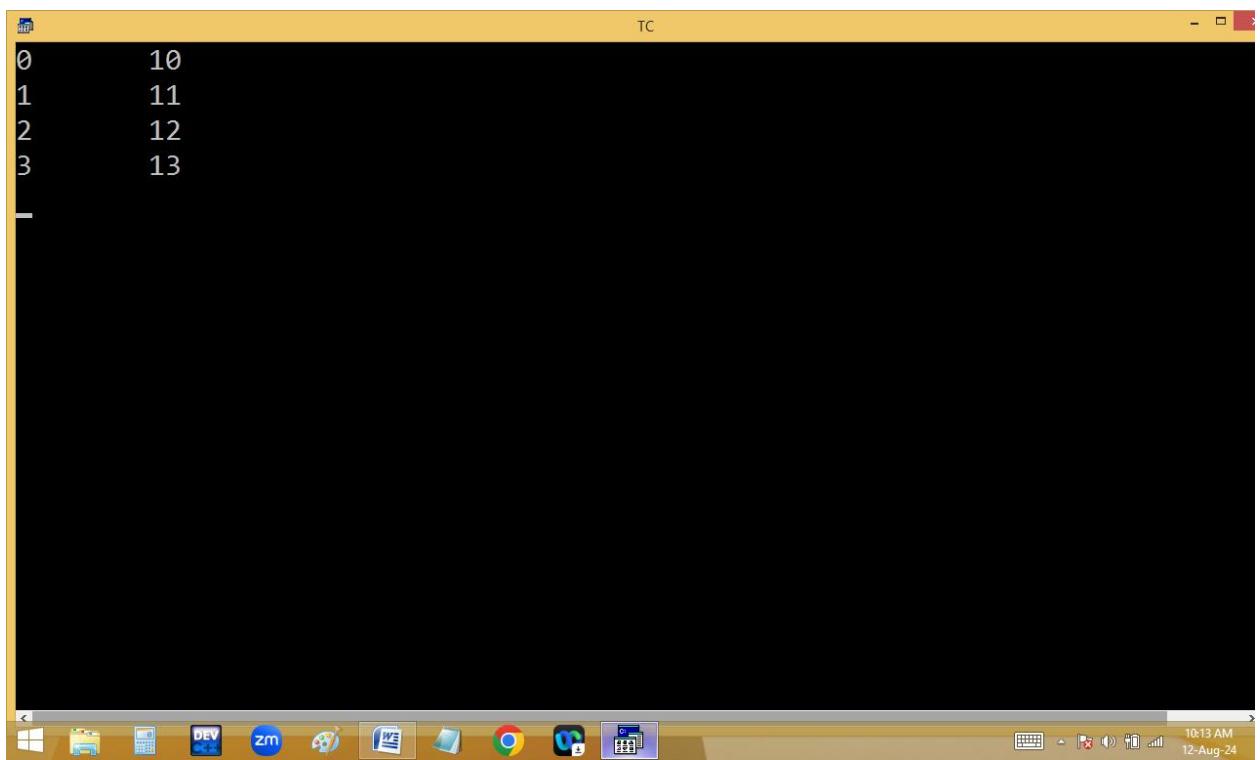
```
File Edit Run Compile Project Options Debug Break/watch  
Error: For statement missing ; in function main  
#include<stdio.h>  
#include<conio.h>  
void main()  
{  
int i=0;  
clrscr();  
for( i ;i++);  
{  
printf("%d\t",i=5);  
}  
printf("%d",i);  
getch();  
}  
/* 5 infinite times */
```

6

The screenshot shows a Windows desktop with two code editors open in separate windows. Both windows have a similar interface with a menu bar at the top and a toolbar below it. The menu bar includes File, Edit, Run, Compile, Project, Options, Debug, and Break/watch. The status bar at the bottom of each window displays the line and column numbers, the file name E:9AM.C, and the current date and time (10:10 AM, 12-Aug-24). The taskbar at the bottom of the screen shows various pinned icons, including DEV, zm, and browser tabs for MSN and Google.

```
TC
File Edit Run Compile Project Options Debug Break/watch
Line 13 Col 13 Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int i=0;
clrscr();
for(i++ ; i<=10 ;i++)
{
printf("%d\t",i++);
}
getch();
}
/* 1 3 5 7 9 */
```

```
TC
File Edit Run Compile Project Options Debug Break/watch
Line 13 Col 1 Insert Indent Tab Fill Unindent * E:9AM.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();
}
```



```
#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();
}
```

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

```
#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();
}
```

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

TC

File Edit Run Compile Project Options Debug Break/watch
Line 7 Col 24 Insert Indent Tab Fill Unindent * E:9AM.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();
}
```

TC

```
0      10
1      11
2      12
3      13
```

TC

```
File Edit Run Compile Project Options Debug Break/watch  
Line 13 Col 19 Insert Indent Tab Fill Unindent * E:9AM.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();  
}  
/* blank screen */
```

```
File Edit Run Compile Project Options Debug Break/watch  
Line 7 Col 30 Insert Indent Tab Fill Unindent * E:9AM.C  
#include<stdio.h>  
#include<conio.h>  
void main()  
{  
int i,j;  
clrscr();  
for(i=0,j=10 ; j<=13 != !'\0' ;i++,j++)  
{  
printf("%d\t%d\n",i,j);  
}  
getch();  
}  
/* blank screen */
```

TC

File Edit Run Compile Project Options Debug Break/watch
Line 13 Col 47 Insert Indent Tab Fill Unindent * E:9AM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
int i,j;
clrscr();
for(i=1 ; i = printf("Enter a no ") ; printf("i=%d\n",i))
{
scanf("%d",&i);
}
getch();
}
/* Infinite times reading and printing i value_*/
```

TC

```
Enter a no 9
i=9
Enter a no 1
i=1
Enter a no -5
i=-5
Enter a no 0
i=0
Enter a no 7
i=7
Enter a no
```

TC

```
#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();
}
/* Until i value 11 program repeated */
```

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

A screenshot of a Windows desktop environment. At the top, there's a taskbar with various icons. Below the taskbar is a terminal window titled 'TC'. The terminal window has a menu bar with options: File, Edit, Run, Compile, Project, Options, Debug, and Break/watch. The status bar at the bottom of the terminal window shows 'Line 14 Col 19 Insert Indent Tab Fill Unindent * E:9AM.C'. The main area of the terminal window contains the following C code:

```
#include<stdio.h>
#include<conio.h>
void main()
{
int i,j;
clrscr();
for(i=1 ; i ; printf("i=%d\n",i))
{
printf("Enter a no ");
scanf("%d",&i);
}
getch();
}
/* Until i value 0_program repeated */
```

The terminal window displays the output of the program. It asks for an input, receives '1', prints 'i=1', asks for another input, receives '11', prints 'i=11', asks for another input, receives '-1', prints 'i=-1', and finally asks for an input, receiving '0', which exits the loop.

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

TC

File Edit Run Compile Project Options Debug Break/watch
Line 7 Col 20 Insert Indent Tab Fill Unindent * E:9AM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
int i,j;
clrscr();
for( ; printf("Enter a no ") - scanf("%d",&i) ; )
{
printf("i=%d\n",i);
}
getch();
}
/* Infinite times reading and printing the given value */
```

TC

```
Enter a no 1
i=1
Enter a no 0
i=0
Enter a no 11
i=11
Enter a no 23
i=23
Enter a no 5
i=5
Enter a no
\
```

TC

TC

File Edit Run Compile Project Options Debug Break/watch
Line 13 Col 60 Insert Indent Tab Fill Unindent * E:9AM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
int i=0,j;
clrscr();
for(printf("Enter a no "); scanf("%d",&i) - i; printf("Enter a no ") )
{
printf("i=%d\n",i);
}
getch();
}
/* until 1 entered reading and printing the given value */
```

TC

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

TC

```
Line 12 Col 17 Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int i,j;
clrscr();
for(i=1;i<=10;i++)
{
for(j=1;j<=10;j++)
{
if(j>i)break;
printf("%3d\t",i);
}
printf("\n");
}
getch();
}
```

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

```
TC
File Edit Run Compile Project Options Debug Break/watch
Line 12 Col 12 Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int i,j;
clrscr();
for(i=1;i<=10;i++)
{
for(j=1;j<=10;j++)
{
if(j>i)continue;
printf("%3d",j);
}
printf("\n");
}
getch();
}
```

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

```
#include<stdio.h>
#include<conio.h>
void main()
{
int i,j;
clrscr();
for(i=1;i<=10;i++)
{
if(i%2==0)continue;
for(j=1;j<=10;j++)
{
if(j%2!=0)continue;
printf("%3d",j);
}
printf("\n");
}
getch();
}
```

```
2 4 6 8 10
2 4 6 8 10
2 4 6 8 10
2 4 6 8 10
2 4 6 8 10
```