```
_ 🗆 ×
File Edit Run Compile Project Options Debug Break/watch
     Line 10 Col 32 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
int n,r,c,s; clrscr();
printf("Enter how many 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();
_____ ^ [3 ¶ ♠ add 29-
Enter how many rows
                 10
      ****
02:34 PM 29-Aug-25
```

```
_ 🗆
#include<stdio.h>
#include<conio.h>
#include<stdlib.h>
void main()
int n,r,c,s; clrscr();
printf("Enter how many 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("*");}</pre>
printf("\n");
△ 😿 🗓 🕩 📶 02:37 PM
```

```
Insert Indent Tab Fill Unindent * E:2PM.C
     Line 17 Col 1
#include<stdio.h>
#include<conio.h>
#include<stdlib.h>
void main()
int n,r,c,s; clrscr();
printf("Enter how many 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");
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     ****
02:38 PM

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```

```
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#include<stdio.h>
#include<conio.h>
#include<stdlib.h>
void main()
int n,r,c,s; clrscr();
printf("Enter how many 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");
△ 😿 🗓 (v) .ad 02:3
```

```
_ 🗆 🗅
#include<stdio.h>
#include<conio.h>
#include<stdlib.h>
void main()
int n,r,c,s; clrscr();
printf("Enter how many 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");
_____ ^ [3 ¶ ♠ add 29-
  02:40 PM

29-Aug-25
```

```
_ 🗆 🗅
#include<stdio.h>
#include<conio.h>
#include<stdlib.h>
void main()
int n,r,c,s; clrscr();
printf("Enter how many 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");
^ 😿 🗓 (b) and 29-
△ 😿 🕆 🕩 🕬 add 29-Aug-25
```

```
_ 🗆
#include<stdio.h> #include<conio.h>
void main()
int n,r,c,s; clrscr();
printf("Enter how many rows "); scanf("%d",&n);
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");
for(r=n-1;r>=1;r--)
for(s=1;s<=n-r;s++)cprintf(" ");
for(c=1;c<=2*r-1;c++)cprintf("*");
printf("\n");
getch();}
                                                   0243 Pm
29-Aug-25
— □ ×
Enter how many rows 4
 ***
```

```
_ 🗇 ×
#include<stdio.h> #include<conio.h>
void main()
int n,r,c,s; clrscr();
printf("Enter how many 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():}
          Enter how many rows
△ 🔯 📆 🅩 and 02:46 PM
```

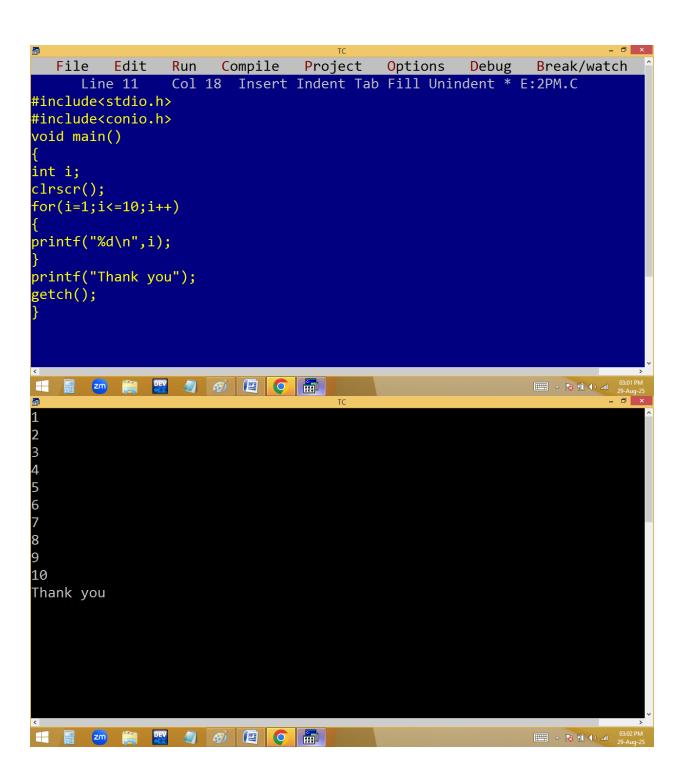
```
_ 🗇 ×
#include<stdio.h> #include<conio.h>
void main()
int n,r,c,s; clrscr();
printf("Enter how many rows "); scanf("%d",&n);
for(r=n;r>=1;r--)
for(s=1;s<=n-r;s++)printf(" ");
for(c=1;c<=2*r-1;c++)printf("*");</pre>
printf("\n");
for(r=2;r<=n;r++)
for(s=1;s<=n-r;s++)printf(" ");
for(c=1;c<=2*r-1;c++)printf("*");
printf("\n");
getch():}
            △ N 1 02:4
Enter how many rows 5
*****
 *****
_____ △ 🏗 📆 ♦) .ad 02:48 PM
```

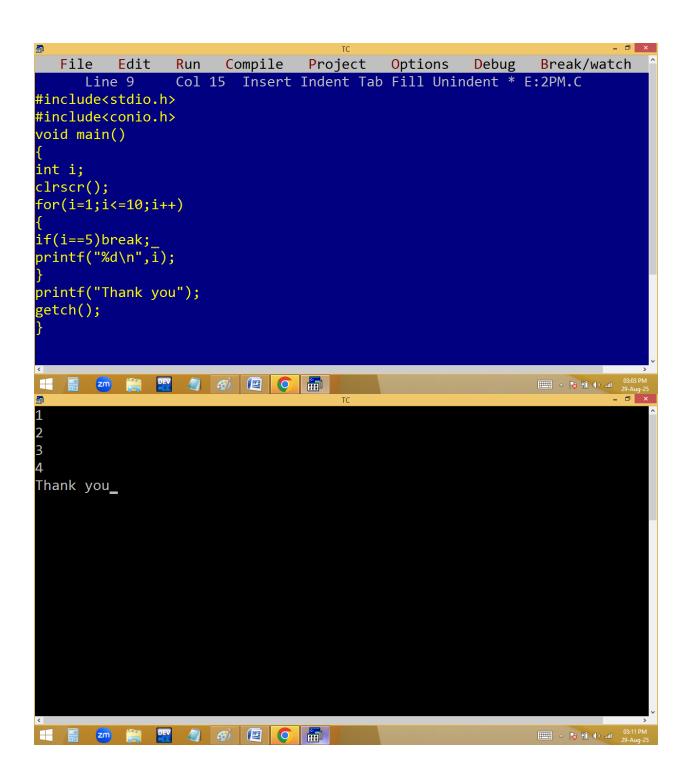
```
File Edit
                Run
                     Compile Project Options
                                                  Debug
                                                          Break/watch
                Col 30 Insert Indent Tab Fill Unindent * E:2PM.C
     Line 11
#include<stdio.h>
#include<conio.h>
void main()
int n,r,c,s; clrscr();
printf("Enter how many 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("%3d",c);
for(c=r-1;c>=1;c--)printf("%3d",c);
printf("\n");
getch();
   📰 zm 🚝 🔛 🐠 🥙 🖭 🧿
                                                         Enter how many rows
                                 1
                              1
                                2
                                   1
                           1
                              2
                                   2
                                      1
                           2
                              3
                                 4
                                   3
                                      2
                        1
                                         1
                        2
                           3
                              4
                                 5
                                   4
                                         2
                                            1
                     1
                     2
                        3
                           4
                              5
                                 6
                                   5
                                      4
                                         3
                  1
                                            2
                                               1
                1
                  2
                     3
                        4
                           5
                              6
                                    6
                                      5
                                         4
                                            3
                                               2
                                                  1
               2
                     4
                           6
                              7
                                 8
                                      6
                                         5
                                            4
                                               3
                                                 2
             1
                                                    1
             2
                3
                  4
                     5
                        6
                              8
                                 9
                                    8
                                         6
                                            5
                                               4 3
                                                     2 1
             3
               4
                  5
                     6
                        7
                           8
                                      8
                                            6
                                               5
                                                     3 2 1
          2
                              9 10
                                   9
                                                  4
       1
       2
          3
             4
                5
                  6
                        8
                           9 10 11 10
                                      9
                                         8
                                               6
                                                  5
                                                     4
                                                       3
                                                          2
                                                             1
    2
       3
          4
             5
                6
                     8
                        9 10 11 12 11 10
                                         9
                                            8
                                                  6
                                                     5
                                                       4
                                                          3 2
                                                                1
□□□□ △ 😼 🗊 🕩 📶 02:56 PI
 for(r=1;r<=4;r++)
 for(s=1;s<=n-r;s++)p(" ");
                                                               321
 for(c=1;c<=r;c++)p(c);
 for(c=r-1;c>=1;c--)p(c);
```

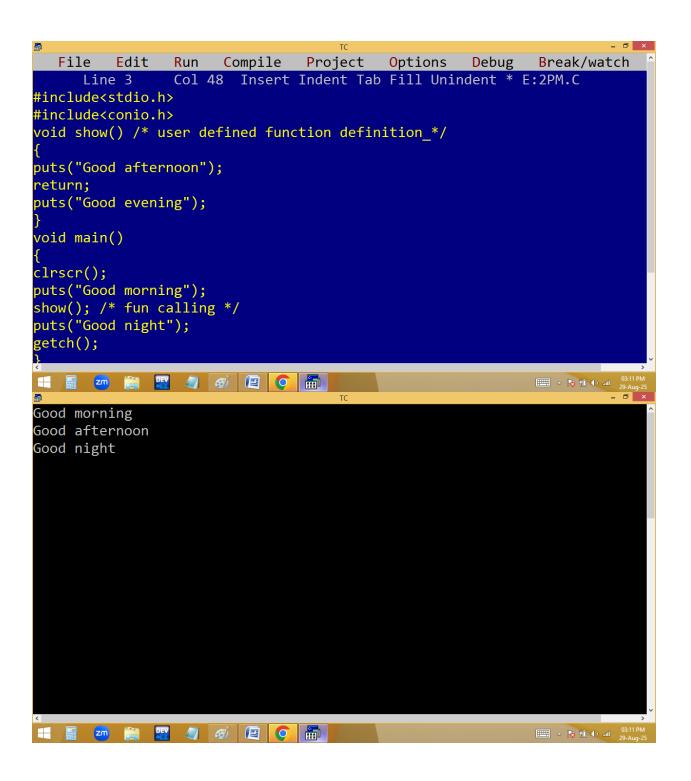
break:

It is a keyword used within switch/loop to stop the execution. When break is occurred, the program execution jumped to the first statement after the switch or loop.

```
File Edit
                     Compile
                                        Options 0
                                                 Debug
               Run
                              Project
                                                         Break/watch
 rror: Misplaced break in function main
#include<stdio.h>
#include<conio.h>
void main()
clrscr();
puts("Good morning");
break:
puts("Good night");
getch();
          □□□□ △ [★ 10 (b) and 20 A
```







```
- 🗇 ×
#include<stdio.h>
#include<conio.h>
#include<stdlib.h>
void show() /* user defined function definition */
puts("Good afternoon");
exit(0);
puts("Good evening");
void main()
clrscr();
puts("Good morning");
show(); /* fun calling */
puts("Good night");
getch();
_____ △ 🔯 🛍 🕩 .ad 03:14 P
Good morning
Good afternoon
□□□□ △ 🔯 📆 ♦) and 29-Δug-25
```

break	exit()	return
Keyword	Function	Keyword
Header file not required	stdlib.h / process.h required	Header file not required
Terminates switch / loop	Terminates total program	Closes that function only
Should be used within	Used any where	Used any where

switch/loop	
SWITCHLIAAN	
1 SWILCH/HOOD	

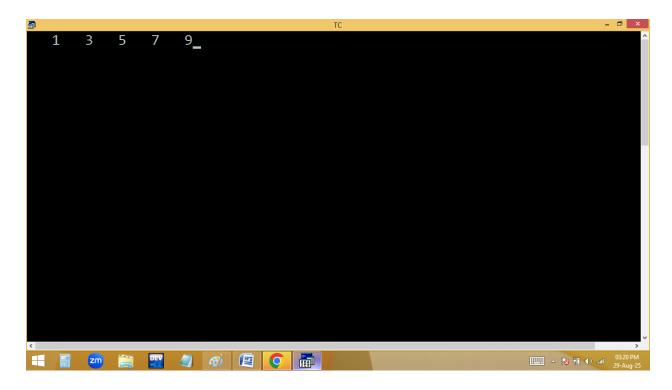
continue: It is a keyword used within loops only. When continue occurred, the program execution jumped to loop ending and later to the beginning. Due to this the remaining statements in that loop are skipped.

```
File Edit
               Run Compile Project Options Debug Break/watch
               Col 24 Insert Indent Tab Fill Unindent * E:2PM.C
     Line 9
#include<stdio.h>
#include<conio.h>
void main()
int i;
clrscr();
for(i=1;i<=10;i++)
if(i==2||i==7)continue;
printf("%4d",i);
getch();
     △ 🔯 📆 🕪 📶 03:19 Pt
                6 8 9 10_
```

△ 🔯 📆 (1) and 03:19 PM

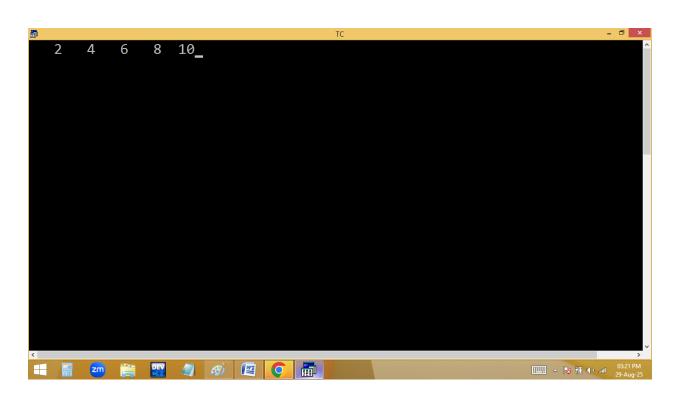
Printing 1..10 odd no's using continue:

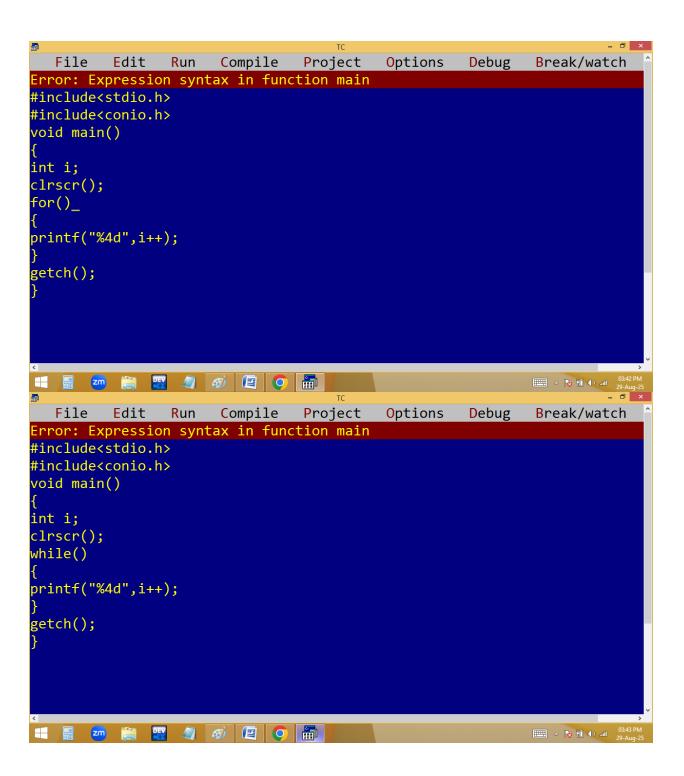
```
Compile Project Options Debug Break/watch
  File Edit
               Run
               Col 10 Insert Indent Tab Fill Unindent * E:2PM.C
     Line 9
#include<stdio.h>
#include<conio.h>
void main()
int i;
clrscr();
for(i=1;i<=10;i++)
if(i%2==0)continue;
printf("%4d",i);
getch();
△ 🔯 🛍 (10) and 03:20 PM 29-Aug-29
```



Even no's:

```
Run Compile Project Options Debug Break/watch
  File Edit
                      Insert Indent Tab Fill Unindent * E:2PM.C
               Col 8
     Line 9
#include<stdio.h>
#include<conio.h>
void main()
int i;
clrscr();
for(i=1;i<=10;i++)
if(i%2!=0)continue;
printf("%4d",i);
getch();
△ 🔯 🛍 🕩 📶 03:21 PM 29-Aug-25
```





```
File Edit
              Run Compile Project Options Debug Break/watch
              Col 13 Insert Indent Tab Fill Unindent * E:2PM.C
     Line 7
#include<stdio.h>
#include<conio.h>
void main()
int i=0;
clrscr();
while(1)
printf("%d\t",i++);
getch();
/* 0 1 2 3 ....32767 -32768 -32767...-1 0 1 2 3 infinite times */
File Edit Run Compile Project Options Debug Break/watch
     Line 13
              Col 16 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
int i=0;
clrscr();
while(i++)
printf("%d\t",i);
getch();
/* Blank screen */
_____ △ 😼 🛍 (♦) ..iil 03:46 P
```

```
File Edit Run Compile Project Options Debug Break/watch
              Col 5
                    Insert Indent Tab Fill Unindent * E:2PM.C
     Line 13
#include<stdio.h>
#include<conio.h>
void main()
int i=0;
clrscr();
while(i++);
printf("%d\t",i);
getch();
/* 1 */
____ △ 🔯 🕆 🕪 📶 03:4
  File Edit Run
                   Compile Project Options Debug Break/watch
            Col 10 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
int i=0;
clrscr();
while(++i);
printf("%d\t",i);
getch();
/* 1 */
```

```
File Edit Run Compile Project Options Debug Break/watch
Line 7 Col 14 Insert Indent Tab Fill Unindent * E:2PM.C

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