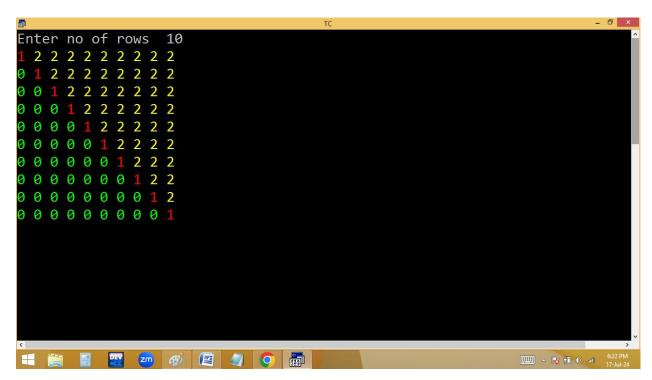
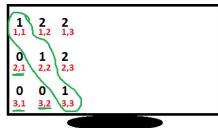
```
_ 🗆 ×
#include<stdio.h>
#include<conio.h>
void main()
int n,r,c;
clrscr();
for(r=1;r<=n;r++)
for(c=1;c<=n;c++)
if(c==r)printf("1 "); else if(r>c)printf("0 ");else printf("2 ");
printf("\n");
getch();
Enter no of rows 3
1 2 2
0 1 2
001
rage: 10 1 Wolds:0
                                              □□□ △ 🕟 🛍 🕪 🖫 6:21 P
```

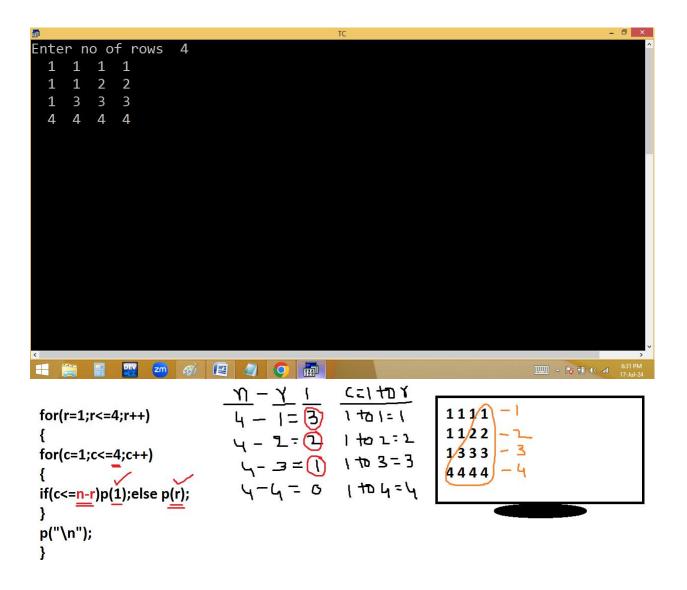
```
#include<stdio.h>
#include<conio.h>
void main()
{
   int n,r,c; clrscr();
   printf("Enter no of rows "); scanf("%d",&n);
   for(r=1;r<=n;r++)
{
   for(c=1;c<=n;c++)
{
   if(c==r){textcolor(LIGHTRED);cprintf("1 ");}
   else if(r>c){textcolor(LIGHTGREEN);cprintf("0 ");}
   else {textcolor(YELLOW);cprintf("2 ");}
}
printf("\n");
}
getch();
}
```



if(r==c) p(1); else if(r>c) p(0); else p(2);



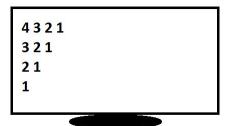
```
- 🗇 ×
    Line 17
             Col 43 Insert Indent Tab Fill Unindent * E:6PM.C
#include<stdio.h>
#include<conio.h>
void main()
int n,r,c; clrscr();
printf("Enter no of rows "); scanf("%d",&n);
for(r=1;r<=n;r++)
for(c=1;c<=n;c++)
if(c<=n-r)printf("%3d",1);else printf("%3d", r);</pre>
printf("\n");
getch();
        Enter no of
           1
             1
                1
                  1
                       1
                                1
                    1
                1
                    1
                       1
                            1
                              2
                                2
           1
             1
           1
             1
                1
                  1
                    1
                       1
                            3
                              3
                                3
                    1
                            4
                              4
                                4
           1
             1
                1
    1
      1
           1
                  1
                    1
                       5
                         5
                            5
                              5
                                5
             1
                1
                                6
    1
                1
                    6
                       6
                         6
                            6
           1
             1
    1
      1
                     7
                            7
                                7
        1
           1
             1
                1
                  7
                       7
    1
                8
                  8
                    8
                       8
                         8
                            8
                                8
      1
    1
      1
           1
                9
                  9
                         9
                            9
             9
                    9
                       9
                              9
                                9
        1 10 10 10 10 10 10 10 10 10 10
      1 11 11 11 11 11 11 11 11 11 11 11
    △ 🔯 🗓 🕩 and 6:31 PM
```



```
- 0 ×
    Line 17
             Col 16 Insert Indent Tab Fill Unindent * E:6PM.C
#include<stdio.h>
#include<conio.h>
void main()
int n,r,c; clrscr();
printf("Enter no of rows "); scanf("%d",&n);
for(r=n;r>=1;r--)
for(c=1;c<=r;c++)
printf("%3d", c);
printf("\n");
getch();
— △ 🕞 🗓 (b) and 6:3
Enter no of rows 4
 1 2 3 4
 1 2 3
 1 2
 1
6:37 PM
```

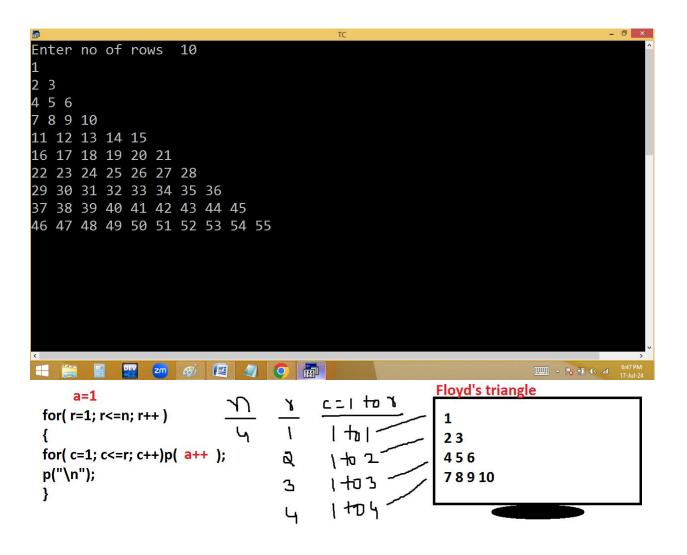
```
- 0 ×
Enter no of rows
             10
    2
        4
                  8 9 10
        4
                  8
                    9
        4
             6
                  8
        4
        4
        4
   2
        4
  6:37 PM
                T=1# += 1
                                        1234
                                        123
                    1 to 4
 for(r=n; r>=1;r--)
                                        12
                    1 to 3
                                        1
 for( c=1; c<=r; c++)p(c);
 p("\n");
                    1 to 2
                     1 to 1
```

```
- 0 ×
     Line 17
               Col 17 Insert Indent Tab Fill Unindent * E:6PM.C
#include<stdio.h>
#include<conio.h>
void main()
int n,r,c; clrscr();
printf("Enter no of rows "); scanf("%d",&n);
for(r=n;r>=1;r--)
for(c=r;c>=1;c--)
printf("%3d", c);
printf("\n");
getch();
        ____ ^ ₹ 11 (•) and 6x4
Enter no of rows
 5 4 3 2 1
 4 3 2 1
 3 2
 2
    1
△ 🔯 🕆 (a) and 6:41 PM 17-Jul-24
```

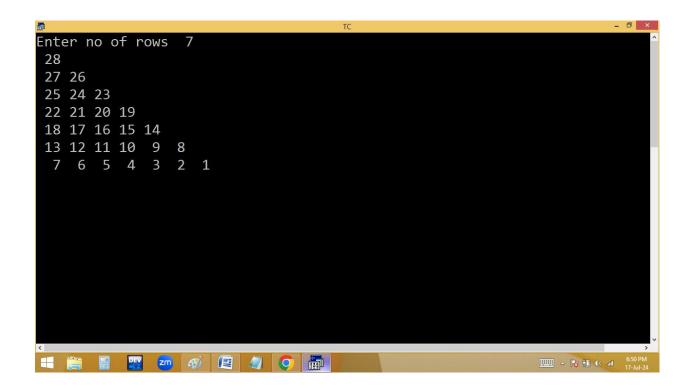


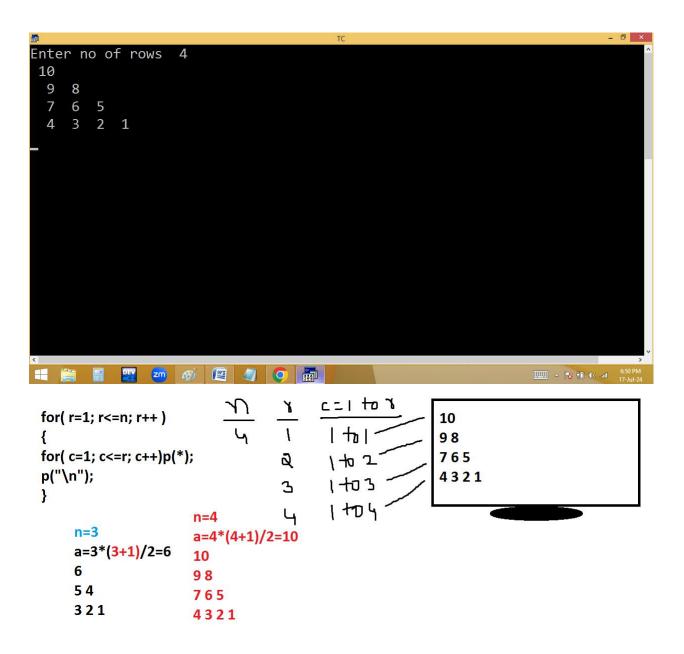
```
- 0 ×
              Col 12 Insert Indent Tab Fill Unindent * E:6PM.C
#include<stdio.h>
#include<conio.h>
void main()
int n,r,c; clrscr();
printf("Enter no of rows "); scanf("%d",&n);
for(r=1;r<=n;r++)
for(c=1;c<=r;c++)
printf("* ");
printf("\n");
getch();
____ ^ R 1 () all 6x 17
Enter no of rows
△ 🔯 🕆 🕩 and 6:44 PM
```

```
- 0 ×
              Col 17 Insert Indent Tab Fill Unindent * E:6PM.C
     Line 17
#include<stdio.h>
#include<conio.h>
void main()
int n,r,c,a=1; clrscr();
printf("Enter no of rows "); scanf("%d",&n);
for(r=1;r<=n;r++)
for(c=1;c<=r;c++)
printf("%d ",a++);
printf("\n");
getch();
Enter no of rows
2 3
4 5 6
7 8 9 10
△ 🔯 🛍 (I) and 6:47 PM
```



```
- 0 ×
              Col 12 Insert Indent Tab Fill Unindent * E:6PM.C
     Line 17
#include<stdio.h>
#include<conio.h>
void main()
int a,n,r,c; clrscr();
printf("Enter no of rows "); scanf("%d",&n); a=n*(n+1)/2;
for(r=1;r<=n;r++)
for(c=1;c<=r;c++)
printf("%3d",a--);
printf("\n");
getch();
Enter no of rows
55
54 53
52 51 50
49 48 47 46
45 44 43 42 41
40 39 38 37 36 35
34 33 32 31 30 29 28
27 26 25 24 23 22 21 20
19 18 17 16 15 14 13 12 11
10 9 8 7 6 5 4 3 2 1
△ 📝 📆 🕪 ail 6:50 PM
```





```
- 0 ×
              Col 8
                     Insert Indent Tab Fill Unindent * E:6PM.C
     Line 17
#include<stdio.h>
#include<conio.h>
void main()
int a=1,n,r,c,b; clrscr();
printf("Enter no of rows"); scanf("%d",&n);
for(r=1;r<=n;r++)
{b=a+r-1;
for(c=1;c<=r;c++,a++)
if(r%2==0)printf("%3d",b--);else printf("%3d",a);
printf("\n");
getch();
Enter no of rows
 3 2
 4 5 6
10 9 8 7
11 12 13 14 15
21 20 19 18 17 16
22 23 24 25 26 27 28
36 35 34 33 32 31 30 29
37 38 39 40 41 42 43 44 45
55 54 53 52 51 50 49 48 47 46
_____ ^ ?:06 PM
```

```
for(r=1; r<=n; r++) \frac{1}{4} \frac{1}
```

```
- 0 ×
                Col 45 Insert Indent Tab Fill Unindent * E:6PM.C
     Line 17
#include<stdio.h>
#include<conio.h>
void main()
int a=1,n,r,c,b; clrscr();
printf("Enter no of rows "); scanf("%d",&n);
for(r=1;r<=n;r++)
{b=a+r-1;
for(c=1;c<=r;c++,a++)
if((r+c)%2==0)printf("$ ");else printf("* ");
printf("\n");
getch();
         E ^ 1 1 0 al 17
Enter no of rows
       $ *
     $ * $ * $
     * $ * $ * $
 $ * $ * $ * $ * $
*** Till PM 17-Jul-24
```

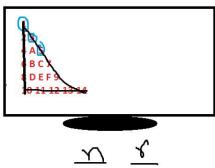
```
$
1+1

* $
2+1 2+2

$ * $
3+1 3+2 3+3
```

```
- 🗇 ×
#include<stdio.h>
#include<conio.h>
void main()
int a=1,n,r,c; char ch='A'; clrscr();
printf("Enter no of rows "); scanf("%d",&n);
for(r=1;r<=n;r++)
for(c=1;c<=r;c++)
if(r==c||c==1||r==n){textcolor(LIGHTGREEN);cprintf("%3d",a++);}
else {textcolor(LIGHTMAGENTA);cprintf("%3c",ch++);}if(ch>'Z')ch='A';
printf("\n");
getch();
Enter no of rows
 2
      E F 9
 10
   G H I J 11
12
      L M N 0 13
14
           S T U 15
      W
 16
                A B 17
18 C
              G H I J 19
                   Q R S 21
 20
22 T U V W X Y Z A B C 23
 24 25 26 27 28 29 30 31 32 33 34 35 36
△ 🔯 🗓 (b) and 7:23 PM
```

```
a=1; char ch='A';
for( r=1; r<=n;r++ )
for(c=1;c<=r;c++)
if(<u>c==1</u>||<u>c==</u>r|<u>n==</u>r) p(<u>a++</u>);else p(ch++);
p("\n");
}
```



```
- 0 ×
                Col 41 Insert Indent Tab Fill Unindent * E:6PM.C
     Line 17
#include<stdio.h>
#include<conio.h>
void main()
int a=1,n,r,c; char ch='A'; clrscr();
printf("Enter no of rows "); scanf("%d",&n);
for(r=1;r<=n;r++)
for(c=1;c<=n;c++)
if(c<=n-r) printf(" ");else printf("*");</pre>
printf("\n");
getch();
          - R 11 (b) and 752
Enter no of rows
- T:29 PM
```

```
_ 🗇 🗙
  File Edit
               Run
                    Compile Project Options Debug Break/watch
     Line 5
               Col 14 Insert Indent Tab Fill Unindent * E:6PM.C
#include<stdio.h>
#include<conio.h>
void main()
int s,n,r,c; _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("\n");
getch();
         - R 11 (b) and 7:
Enter no of rows
     - N 10 (a) and 7:32 PM
```