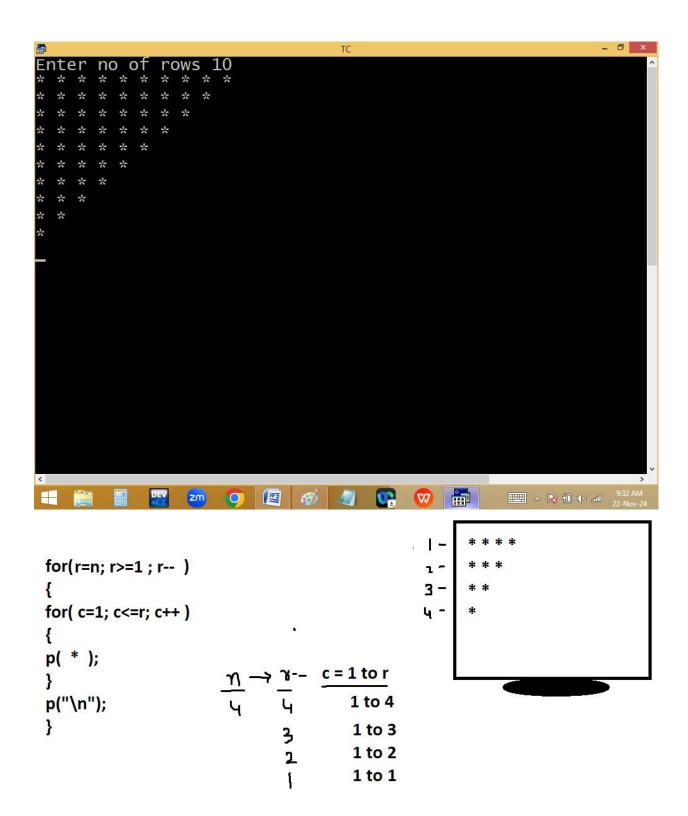
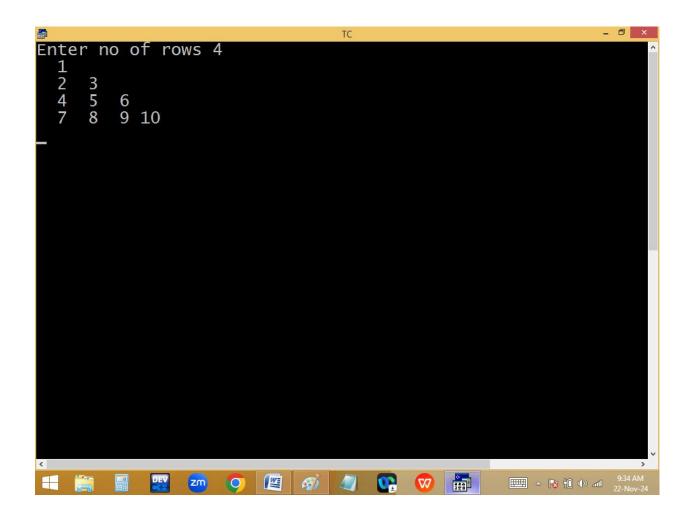
```
_ 🗇 🗶
  File Edit Run Compile Project Options Debug
                   Col 14 Insert Indent Tab Fill Unindent * E
       Line 13
#include<stdio.h>
#include<conio.h>
void main()
int n,r,c;
clrscr();
printf("Enter no of rows ");
scanf("%d",&n);
for( r=1; r<=n; r++ )
for( c=1; c<=r; c++ )
printf("* ");_
printf("\n");
getch();
                                             9:29 AV
                zm
                        W
```

```
_ 0 ×
Enter no of rows 5
 * * * *
                                   9:29 AM
                       zm
                            C=1 to Y
 for( r=1; r<=4; r++ )
                                       1-
                            l <del>lo</del> 2
                                       3 -
                                       կ -
 for( c=1; c<=r; c++ )
                            1 10 4
 p( * );
 p("\n");
```

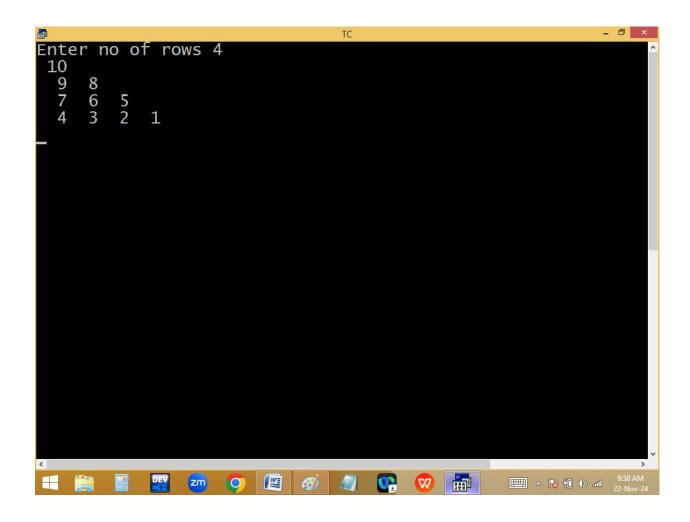
```
_ 🗇 🗶
  File Edit Run Compile Project Options Debug
       Line 9
                   Col 20 Insert Indent Tab Fill Unindent * E
#include<stdio.h>
#include<conio.h>
void main()
int n,r,c;
clrscr();
printf("Enter no of rows ");
scanf("%d",&n);
for( r=n; r>=1; r-- )
for( c=1; c<=r; c++ )
printf("* ");
printf("\n");
getch();
                                             9:32 AV
                zm
                        W
```

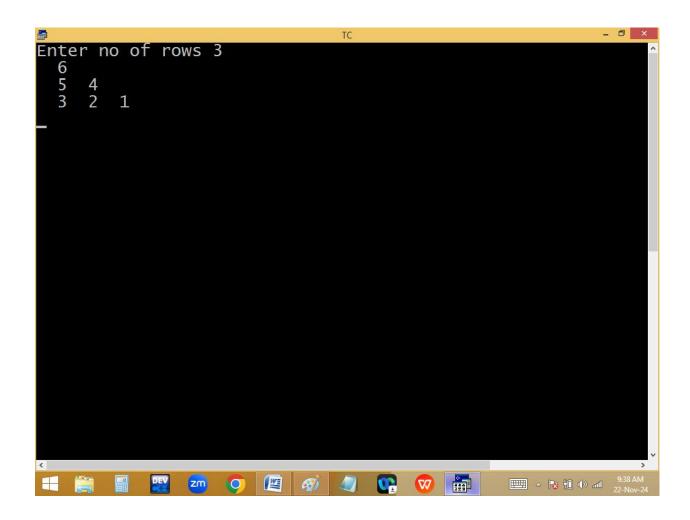


```
_ 0 ×
                                                        Debug
 File Edit Run Compile Project Options
                  Col 17 Insert Indent Tab Fill Unindent * E
      Line 13
#include<stdio.h>
#include<conio.h>
void main()
int n,r,c,a=1;
clrscr();
printf("Enter no of rows ");
scanf("%d",&n);
for( r=1; r<=n; r++ )
for( c=1; c<=r; c++ )
printf("%3d",a++);
printf("\n");
getch();
                                                9:34 AV
                                     W I
               zm
```



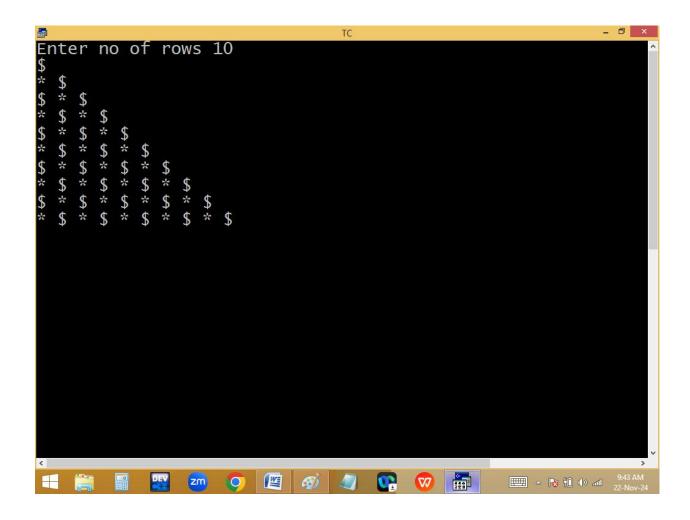
```
_ 0 ×
                                                              Debug
  File Edit Run Compile Project Options
                    Col 17 Insert Indent Tab Fill Unindent * E
       Line 13
#include<stdio.h>
#include<conio.h>
void main()
int n,r,c,a;
clrscr();
printf("Enter no of rows ");
scanf("%d",&n); a=n*(n+1)/2;
for( r=1; r<=n; r++ )
for( c=1; c<=r; c++ )
printf("%3d",a--);
printf("\n");
getch();
                                               zm
                          V7
                                                      9:38 A
```



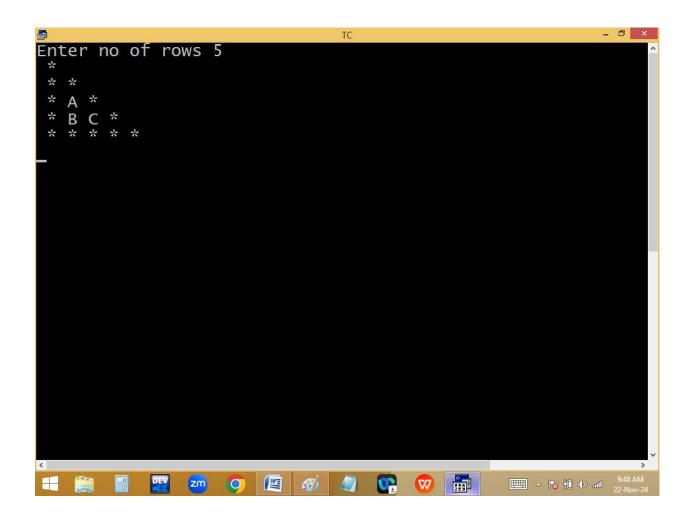


```
_ 0 ×
Enter no of rows 10
 54 53
 52 51 50
 49 48 47 46
 45 44 43 42 41
 40 39 38 37 36 35
34 33 32 31 30 29 28
 27 26 25 24 23 22 21 20
19 18 17 16 15 14 13 12 11
        8
            7
                  5
                         3
 10
               6
     9
                     4
                            2
                               1
                                                 9:38 AM
22-Nov-2
                                    zm
                   int a=n * (n+1)/2;
                    N
 for( r=1; r<=4; r++) a = 4 *(4+1)/2 = 10a = 3 *(3+1)/2 = 6
                                              10
 for( c=1; c<=r; c++ )
                                 6
                     10
                                              98
                                          1 -
                     98
                                 54
                                              765
                                         3 -
 p(a -- );
                                 321
                     765
                                         4 -
                                              4321
                     4321
 p("\n");
```

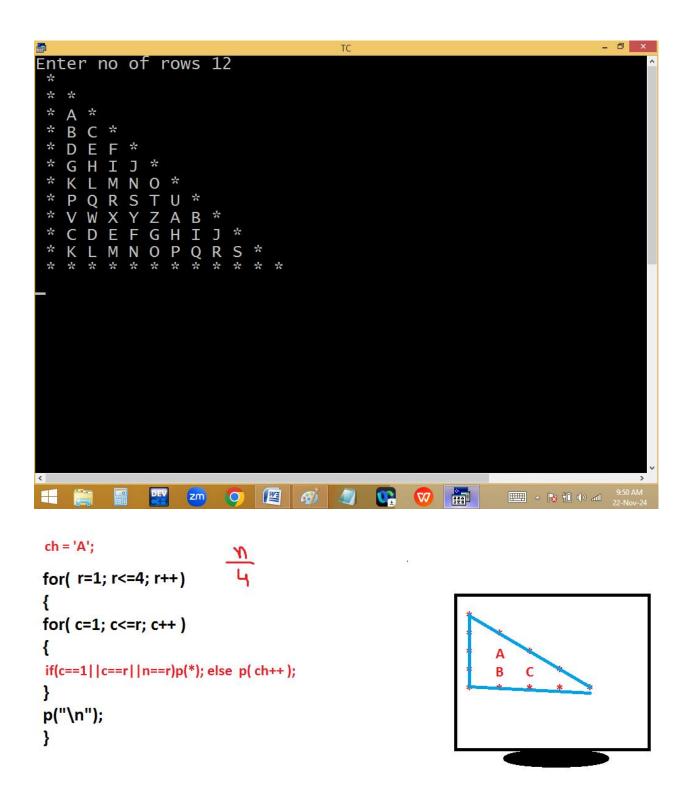
```
_ 🗇 🗙
 File Edit Run Compile Project Options
                                             Debug
              Col 46 Insert Indent Tab Fill Unindent * E
     Line 13
#include<stdio.h>
#include<conio.h>
void main()
int n,r,c;
clrscr();
printf("Enter no of rows ");
scanf("%d",&n);
for( r=1; r<=n; r++ )
for( c=1; c<=r; c++ )
printf("\n");
getch();
                                       9.43 A
            zm
                   W
```



```
_ 0 ×
  File Edit Run Compile Project Options
                                                             Debug
                    Co 1
       Line 14
                             Insert Indent Tab Fill Unindent * E
#include<stdio.h>
#include<conio.h>
void main()
int 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||n==r)printf("%2c",'*');
else printf("%2c",ch++);
printf("\n");
getch();
                                         W F
                 zm
                         9:48 A
```



```
_ 0 ×
  File Edit Run Compile Project Options
                                                              Debug
       Line 15
                    Col 18 Insert Indent Tab Fill Unindent * E
#include<stdio.h>
#include<conio.h>
void main()
int 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||n==r)printf("½2c",'*');
else printf("½2c",ch++);
if(ch>'Z')ch='A';_
printf("\n");
getch();
                                               9:50 Al
                 zm
                         W
```



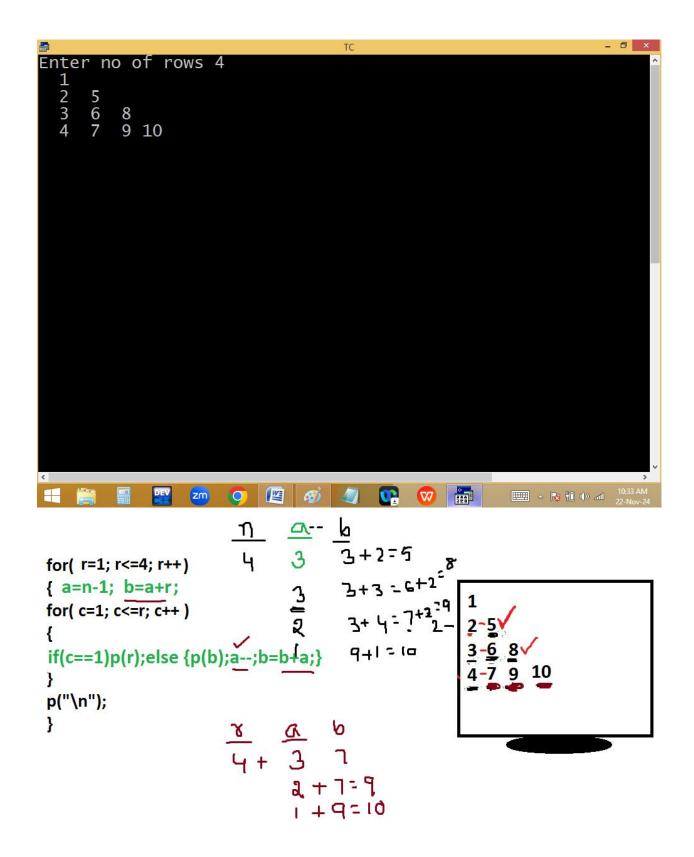
```
_ 0 ×
  File Edit Run Compile Project Options
                                                            Debug
       Line 15
                   Col 1
                            Insert Indent Tab Fill Unindent * E
#include<stdio.h>
#include<conio.h>
void main()
int n,r,c,e=2,o=1;
clrscr();
printf("Enter no of rows ");
scanf("%d",&n);
for( r=1; r<=n; r++ )
for( c=1; c<=r; c++ )
if(r%2==0){printf("%3d",e);e+=2;}
else {printf("%3d",o); o+=2;}
printf("\n");
getch();
                                                        Friday, 22 November, 2024
                                             zm
                         W
```

```
_ 0 ×
Enter no of rows 10
      4
5 7
8 10 12
   236
 9 11 13 15 17
14 16 18 20 22
19 21 23 25 27
26 28 30 32 34
                     22 24
27 29 31
34 36 38 40
 33 35 37 39 41 43 45 47 49
42 44 46 48 50 52 54 56 58 60
                                                                            9:55 AM
22-Noy-24
                                    zm
e=2; o=1;
for( r=1; r<=4; r++)
for( c=1; c<=r; c++ )
                                                                     2
                                                                     3
                                                                          5
                                                                               7
                                                                               10 12
 if(r%2==0) {p(e);e+=2;} else {p(o); o+=2;}
p("\n");
```

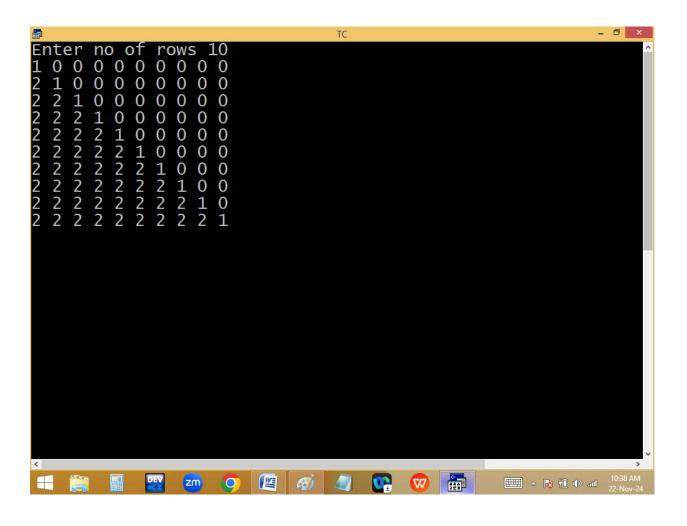
```
_ 0 ×
  File Edit Run Compile Project Options
                                                              Debug
                    Col 20 Insert Indent Tab Fill Unindent * E
       Line 14
#include<stdio.h>
#include<conio.h>
void main()
int n,r,c,a=1,b;
clrscr();
printf("Enter no of rows ");
scanf("%d",&n);
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();
                                                      □□□ △ 😼 📆 🕩 📶 10:10 AV
                                               zm
                          V7
```

```
_ 0 ×
Enter no of rows 10
 1
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
                                                                                    □□□ △ № 10:10 AM
                           zm
                                        1234567
 for( r=1; r<=4; r++)
 for( c=1; c<=r; c++ )
 }
 p("\n");
                     p= 7+2:4-1=
                     6=4+7-1=10 987
```

```
_ 0 ×
 File Edit Run Compile Project Options
                                                Debug
     Line 12
               Col 20 Insert Indent Tab Fill Unindent * E
#include<stdio.h>
#include<conio.h>
void main()
int n,r,c,a,b;
clrscr();
printf("Enter no of rows ");
scanf("%d",&n);
for( r=1; r<=n; r++ )
a=n-1; b=a+r;
for( c=1; c<=r; c++)
printf("\n");
getch();
                                         □□□□ △ 😿 🕆 (□) and 10:33 AM
                                    zm
                    W
```



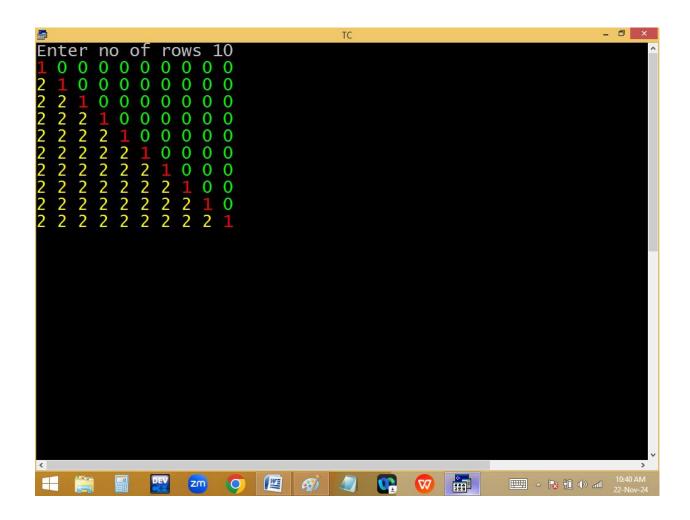
```
_ 0 ×
  File Edit Run Compile Project Options
                                                           Debug
      Line 14
                   Col 1
                           Insert Indent Tab Fill Unindent * E
#include<stdio.h>
#include<conio.h>
void main()
int n,r,c;
clrscr();
printf("Enter no of rows ");
scanf("%d",&n);
for( r=1; r<=n; r++ )
for( c=1; c<=n; c++)
if(c==r)printf("1 "); else if(r>c)printf("2 ");
else printf("0 ");
printf("\n");
getch();
                                                  □□□□ △ [3 10:38 AN
                zm
                        W
                                        W
```



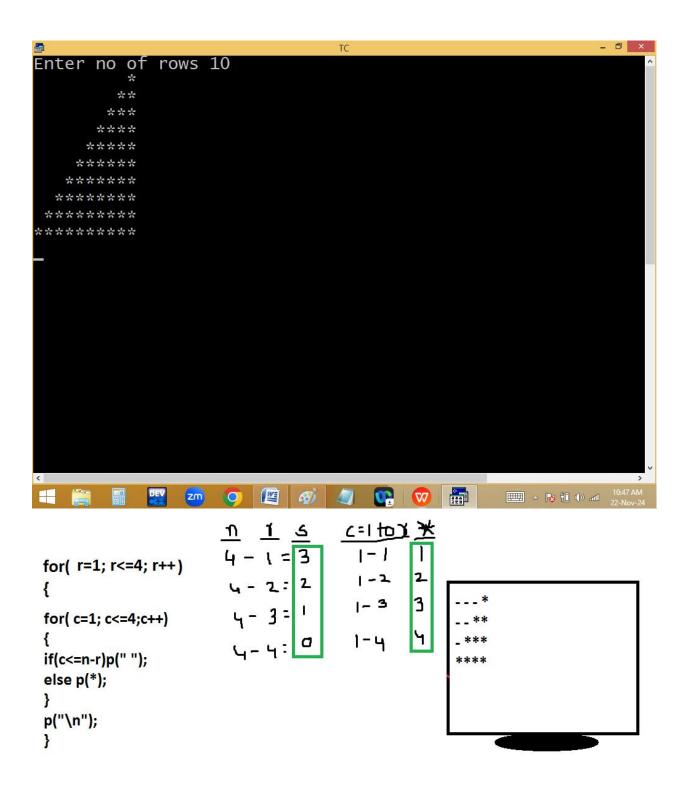
```
for( r=1; r<=4; r++)
{
  for( c=1; c<=r; c++ )
  {
   if(r==c)p(1);else if(r>c)p(2);else p(0);
  }
  p("\n");
}
```

```
1 0 0
1,1 1,2 1,3
2 1 0
2,1 2,2 2,3
2 2 1
3,1 3,2 3,3
```

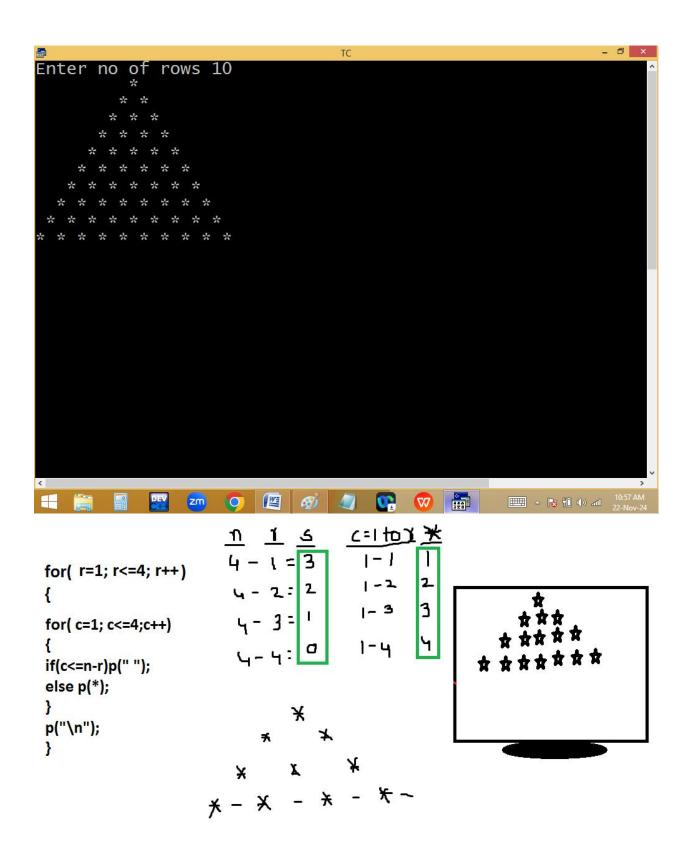
```
_ 0 ×
   File Edit Run Compile Project Options
                                                                     Debug
        Line 15
                      Col 44 Insert Indent Tab Fill Unindent * E
#include<stdio.h>
#include<conio.h>
void main()
int n,r,c;
clrscr();
printf("Enter no of rows ");
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(YELLOW);cprintf("2 ");}
else {textcolor(LIGHTGREEN);cprintf("0 ");}
printf("\n");
getch();
                                                            □□□□ △ 😼 📆 🕩 📶 10:40 Alv
                                                    zm
                             W
```



```
_ 🗇 🗙
                                                         Debug
  File Edit Run Compile Project Options
                  Col 40 Insert Indent Tab Fill Unindent * E
      Line 13
#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(" ");else printf("*");
printf("\n");
getch();
                                                 _____ △ 🔯 🕆 (♦) ail 10:47 AM
                zm
                       W
                                      W
```



```
_ 🗇 🗙
                                                      Debug
 File Edit Run Compile Project Options
                 Col 38 Insert Indent Tab Fill Unindent * E
      Line 13
#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(" ");else printf("* ");
printf("\n");
getch();
                                               _____ ^ 10:56 AM
               zm
                      W
```



Home work:

