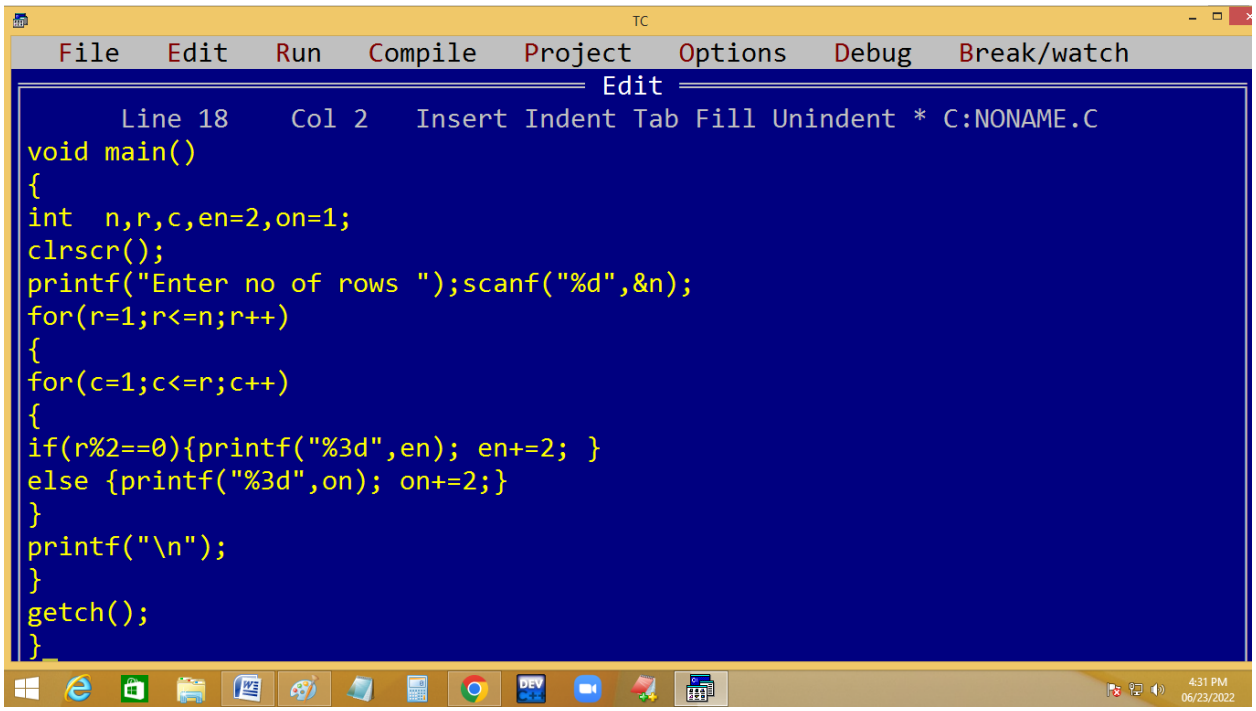
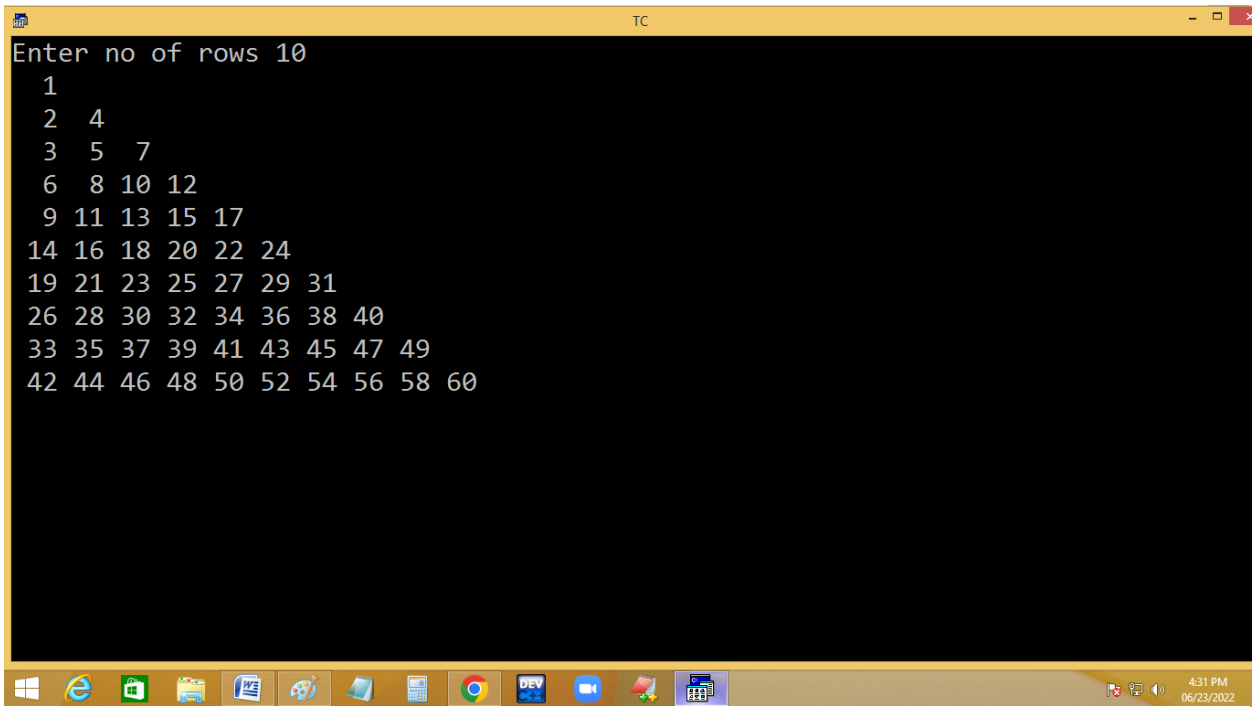

TC
File Edit Run Compile Project Options Debug Break/watch
Edit
Line 18 Col 2 Insert Indent Tab Fill Unindent * C:NONAME.C
void main()
{
int n,r,c,en=2,on=1;
clrscr();
printf("Enter no of rows ");scanf("%d",&n);
for(r=1;r<=n;r++)
{
for(c=1;c<=r;c++)
{
if(r%2==0){printf("%3d",en); en+=2; }
else {printf("%3d",on); on+=2;}
}
printf("\n");
}
getch();
}
4:31 PM
06/23/2022

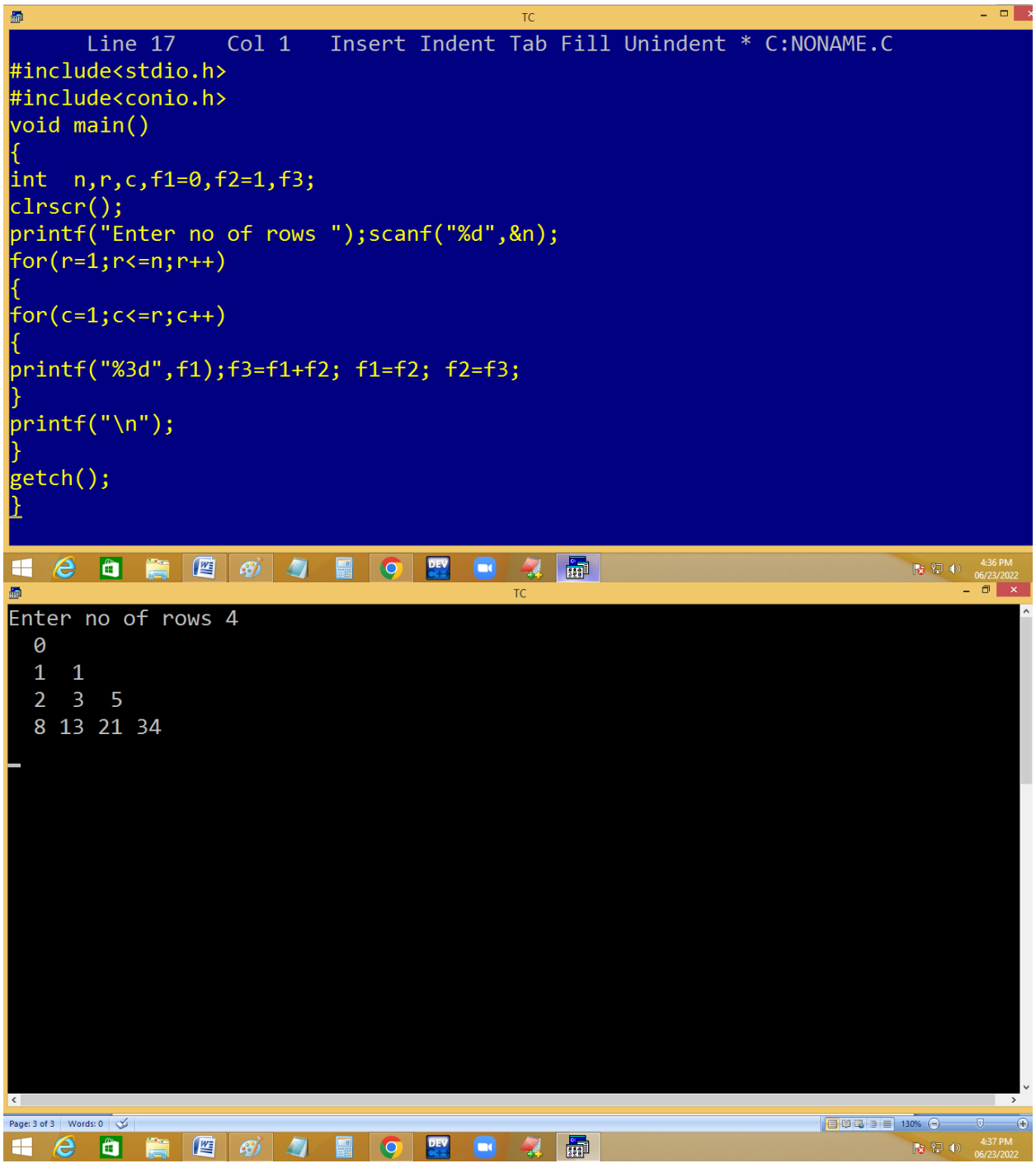


od = 1
en=2

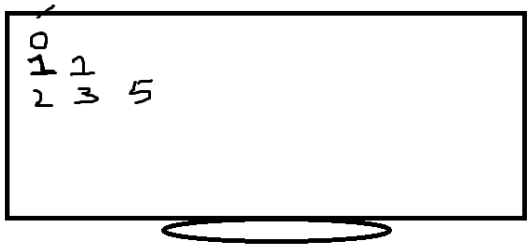
```
for(r=1;r<=4;r++)
{
for(c=1;c<=r;c++)
{
if(r%2==){p(en);en+=2 ;}
else {p(on); on+=2;}
}
p("\n");
}
```

1 — 1
2 4
3 5 7 — 3
4 — 6 8 10 12

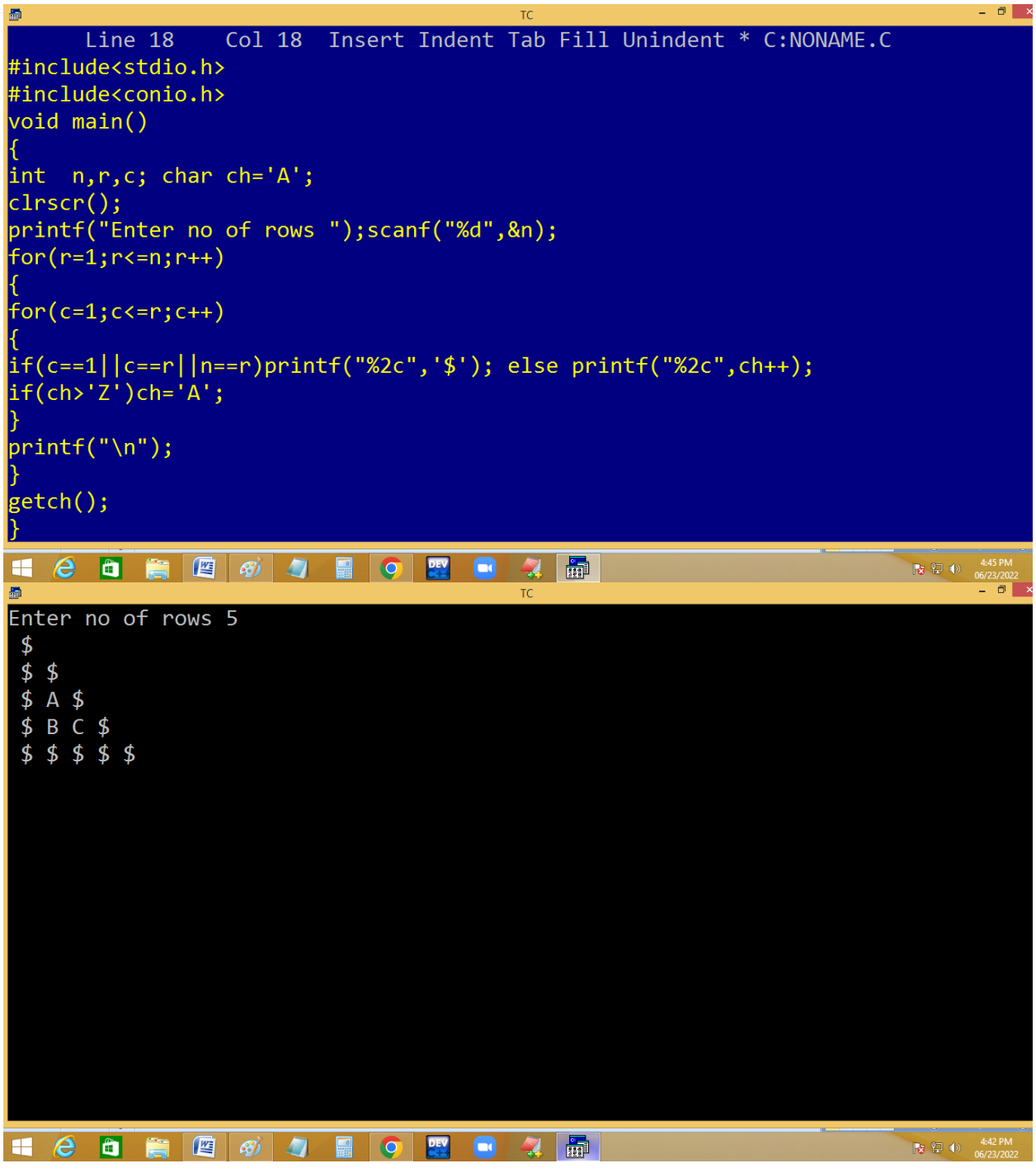
en	on	r
2	1	1
4	3	2
6	5	3
8	7	4
10		
12		

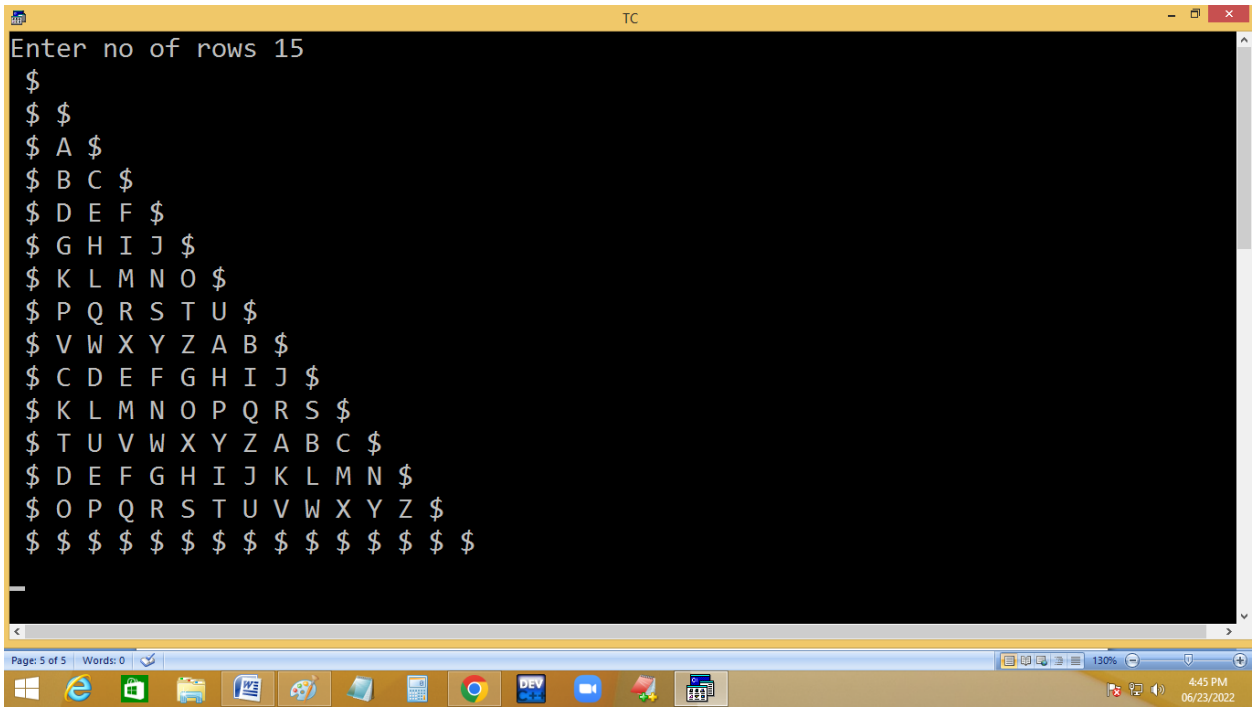

TC
Line 17 Col 1 Insert Indent Tab Fill Unindent * C:NONAME.C
#include<stdio.h>
#include<conio.h>
void main()
{
int n,r,c,f1=0,f2=1,f3;
clrscr();
printf("Enter no of rows ");scanf("%d",&n);
for(r=1;r<=n;r++)
{
for(c=1;c<=r;c++)
{
printf("%3d",f1);f3=f1+f2; f1=f2; f2=f3;
}
printf("\n");
}
getch();
}
4:36 PM
06/23/2022
TC
Enter no of rows 4
0
1 1
2 3 5
8 13 21 34
Page: 3 of 3
Words: 0
130%
4:37 PM
06/23/2022

```
for(r=1;r<=4;r++)
{
for(c=1;c<=r;c++)
{
  p(f1);  f3=f1+f2;
          f1=f2;
          f2=f3;
}
p("\n");
}
```



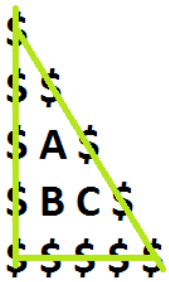
n	r	c	f1		f2	f3
4	1	1	0	+	1	=1
			1	+	1	2
			1	+	2	3
			2	+	3	5
			3	+	5	8
			5		8	

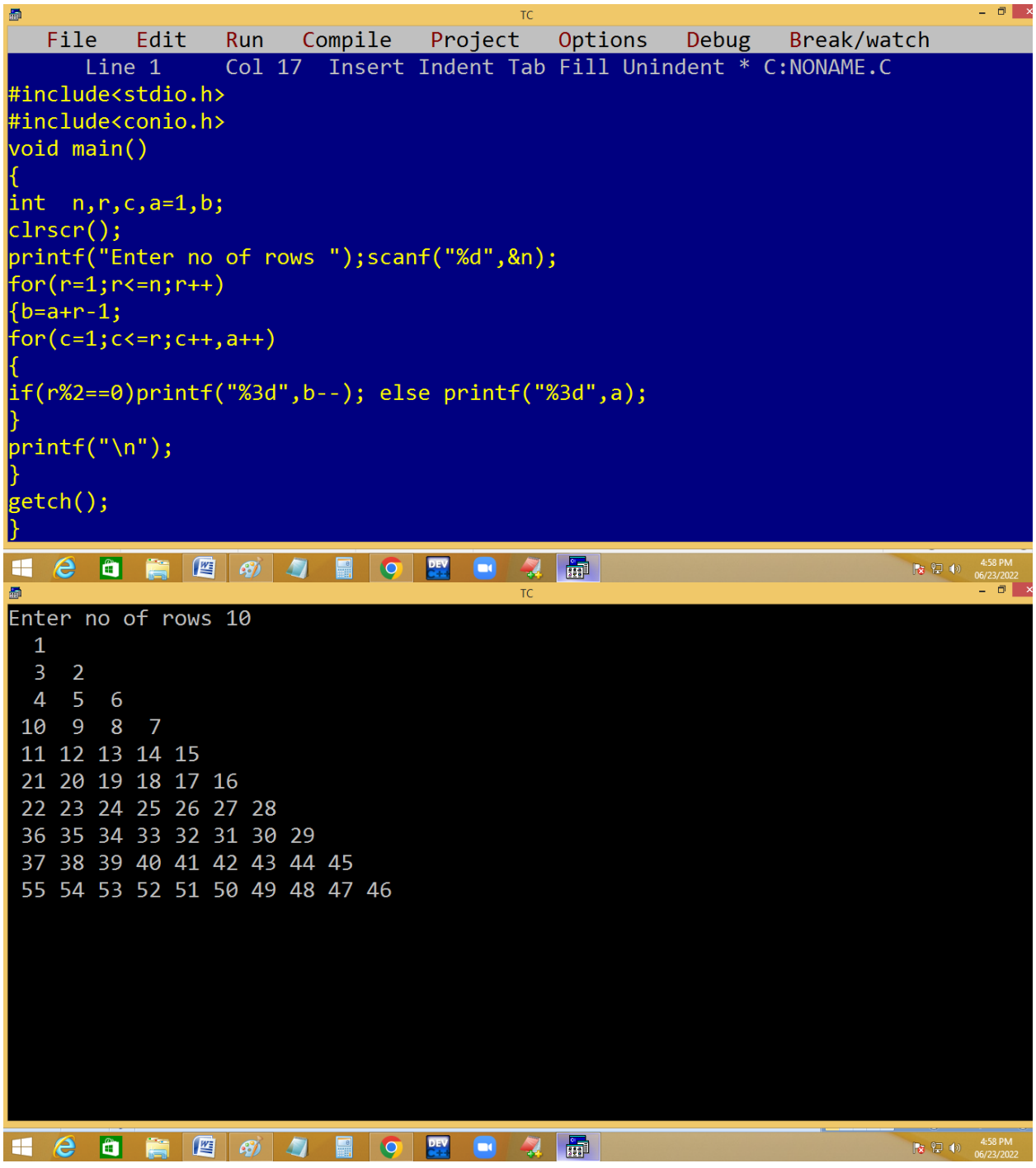

TC
Line 18 Col 18 Insert Indent Tab Fill Unindent * C:NONAME.C
#include<stdio.h>
#include<conio.h>
void main()
{
int n,r,c; char ch='A';
clrscr();
printf("Enter no of rows ");scanf("%d",&n);
for(r=1;r<=n;r++)
{
for(c=1;c<=r;c++)
{
if(c==1||c==r||n==r)printf("%2c",'$'); else printf("%2c",ch++);
if(ch>'Z')ch='A';
}
printf("\n");
}
getch();
}
4:45 PM
06/23/2022
TC
Enter no of rows 5
$
$ $
$ A $
$ B C $
$ $ $ $ $
4:42 PM
06/23/2022



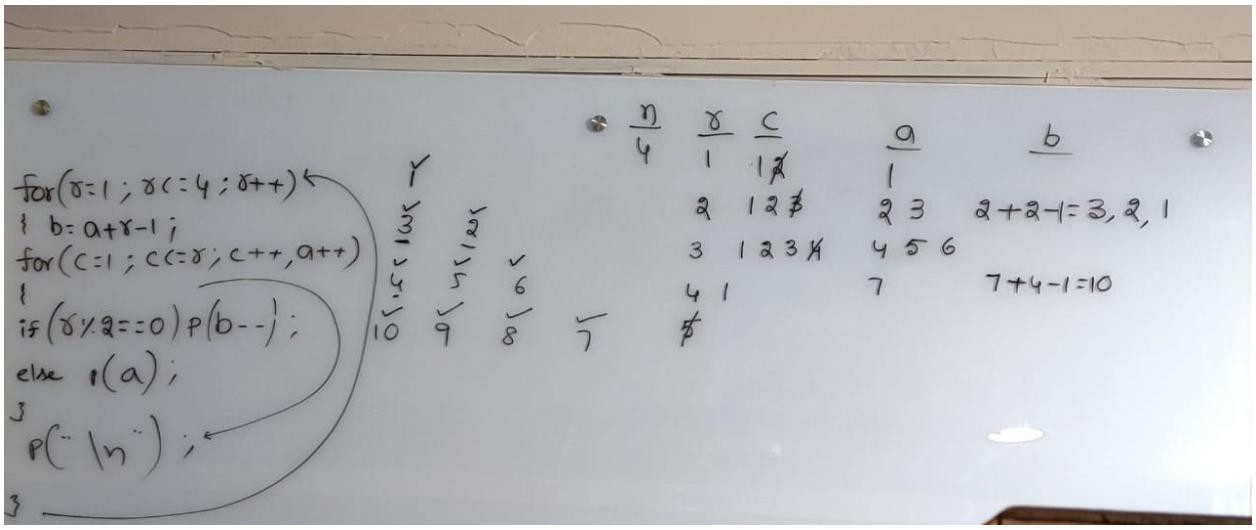

```
for(r=1;r<=5;r++)
{
for(c=1;c<=r;c++)
{
if(c==1||c==r ||n==r) p($);
else  p(ch++);
}
p("\n"):
}
```

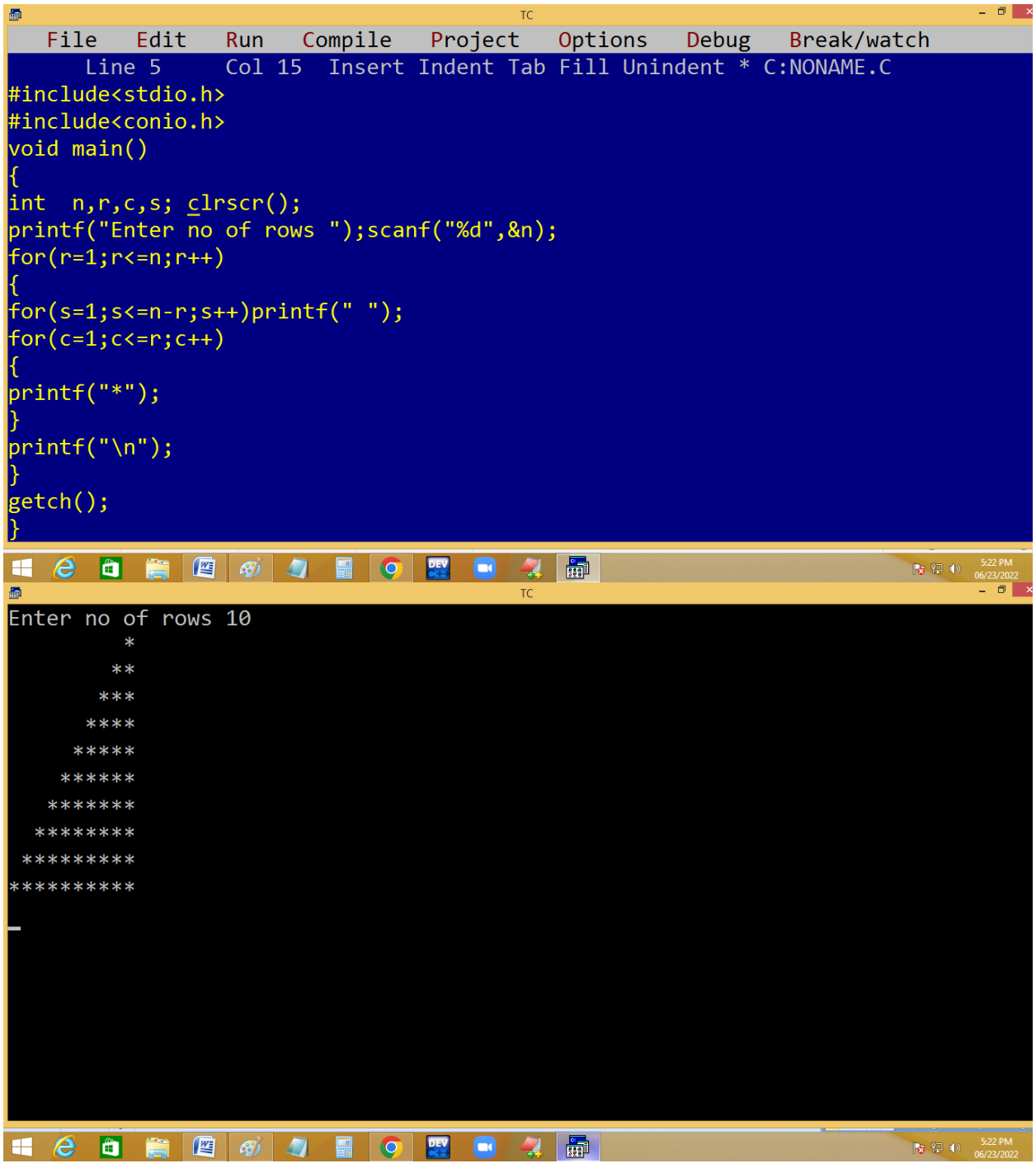
```
ch='A';
```



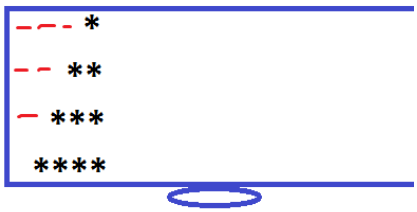

TC
File Edit Run Compile Project Options Debug Break/watch
Line 1 Col 17 Insert Indent Tab Fill Unindent * C:NONAME.C
#include<stdio.h>
#include<conio.h>
void main()
{
int n,r,c,a=1,b;
clrscr();
printf("Enter no of rows ");scanf("%d",&n);
for(r=1;r<=n;r++)
{b=a+r-1;
for(c=1;c<=r;c++,a++)
{
if(r%2==0)printf("%3d",b--); else printf("%3d",a);
}
printf("\n");
}
getch();
}
TC
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

```
a=1;
for(r=1;r<=4;r++)
{  b=a+r-1;
for(c=1;c<=r;c++ , a++)
{
if(r%2==0)p(b--);  else p(a);
}
p("\n");
}
```




TC
File Edit Run Compile Project Options Debug Break/watch
Line 5 Col 15 Insert Indent Tab Fill Unindent * C:NONAME.C
#include<stdio.h>
#include<conio.h>
void main()
{
int n,r,c,s; 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();
}
TC
Enter no of rows 10
*
**
***
****
*****
******
****
****
****
****

```
for(r=1;r<=4;r++)
{
 for(s=1;s<=n-r;s++)p(" ");
for(c=1;c<=r;c++)p(*);
p("\n");
}
```



n	r	s	c=1 to r
4	1	3	- - - *
4	2	2	- - * *
4	3	1	- * * *
4	4	0	* * * *

TC

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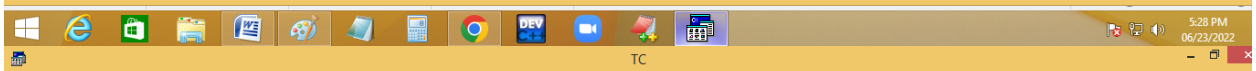
Line 12 Col 11 Insert Indent Tab Fill Unindent * C:NONAME.C

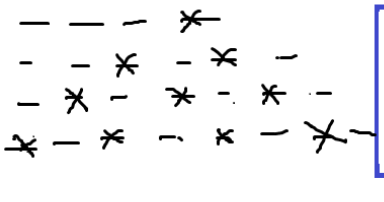
```
#include<stdio.h>
#include<conio.h>
void main()
{
int  n,r,c,s; clrscr();
printf("Enter no of rows ");scanf("%d",&n);
for(r=1;r<=n;r++)
{
for(s=1;s<=n-r;s++)printf(" ");
for(c=1;c<=r;c++)
{
printf("* ");
}
printf("\n");
}
getch();
}
```

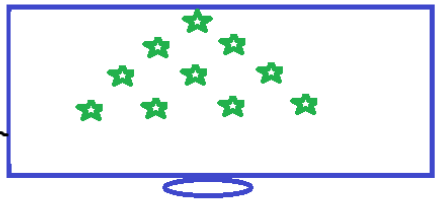


TC

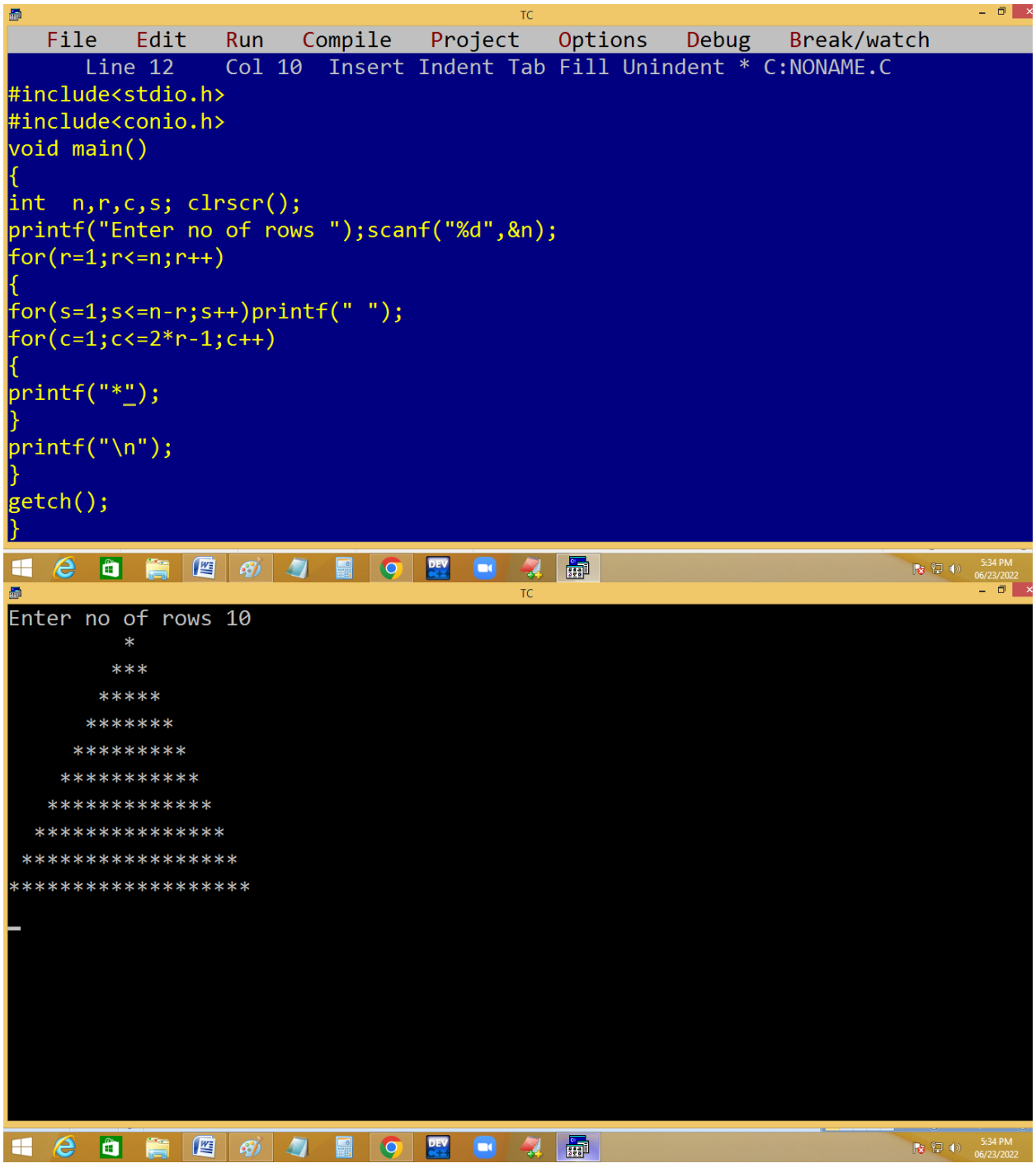
```
Enter no of rows 10
          *
         * *
        * * *
       * * * *
      * * * * *
     * * * * * *
    * * * * * * *
   * * * * * * * *
  * * * * * * * * *
 * * * * * * * * * *
```

```
for(r=1;r<=4;r++)
{
for(s=1;s<=n-r;s++)p(" ");
for(c=1;c<=r;c++)p(* – );
p("\n");
}
```

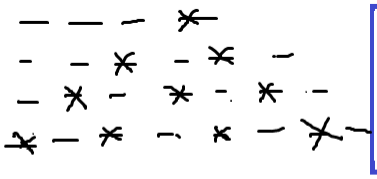




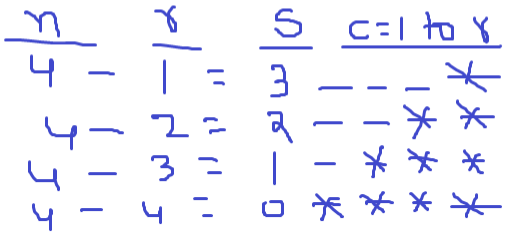
n	r	s	c=1 to r
4	1	3	*
4	2	2	* *
4	3	1	* * *
4	4	0	* * * *

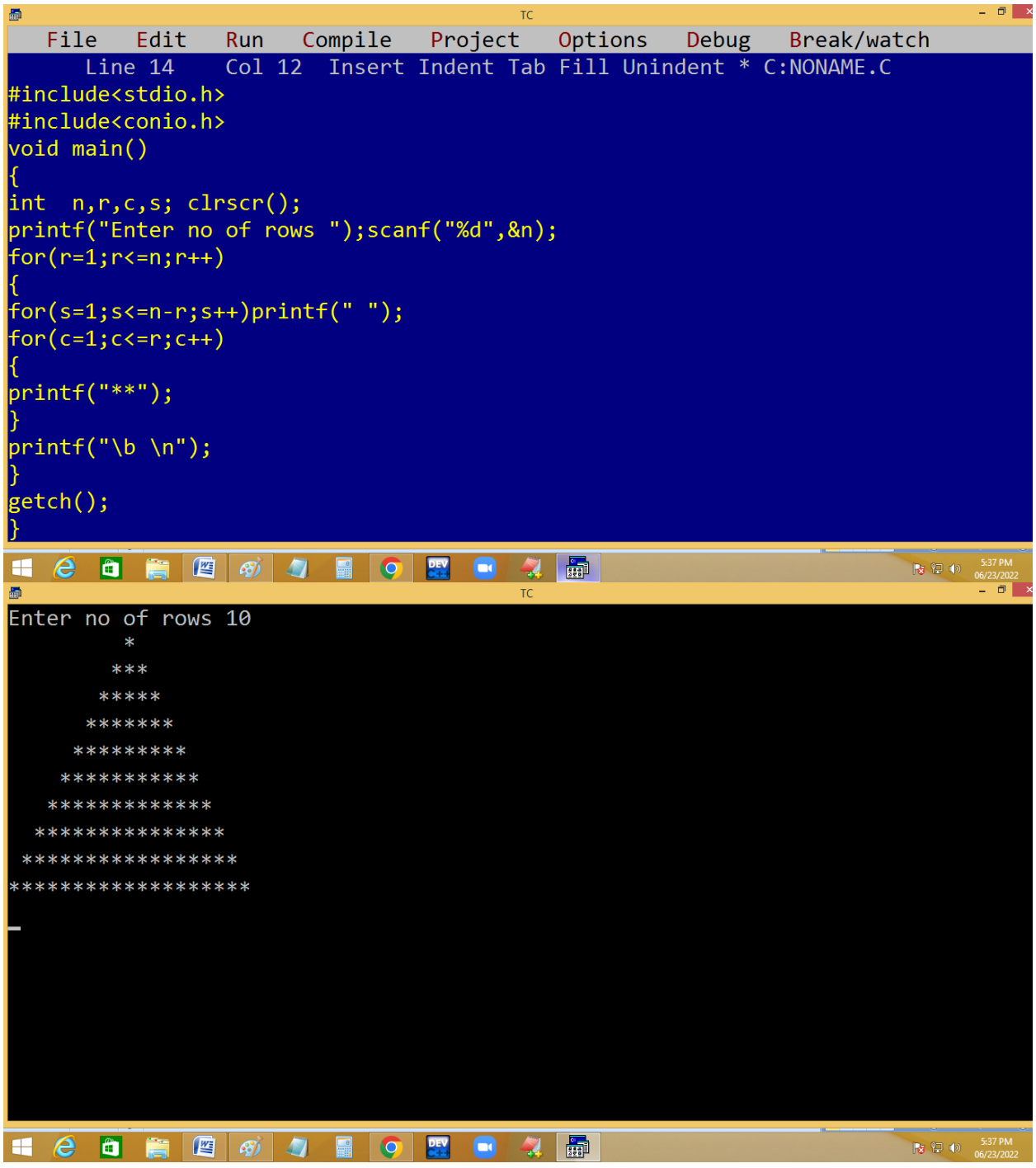

TC
File Edit Run Compile Project Options Debug Break/watch
Line 12 Col 10 Insert Indent Tab Fill Unindent * C:NONAME.C
#include<stdio.h>
#include<conio.h>
void main()
{
int n,r,c,s; clrscr();
printf("Enter no of rows ");scanf("%d",&n);
for(r=1;r<=n;r++)
{
for(s=1;s<=n-r;s++)printf(" ");
for(c=1;c<=2*r-1;c++)
{
printf("*");
}
printf("\n");
}
getch();
}
TC
Enter no of rows 10
*
***
*****
****
****
****
****
****
****
****

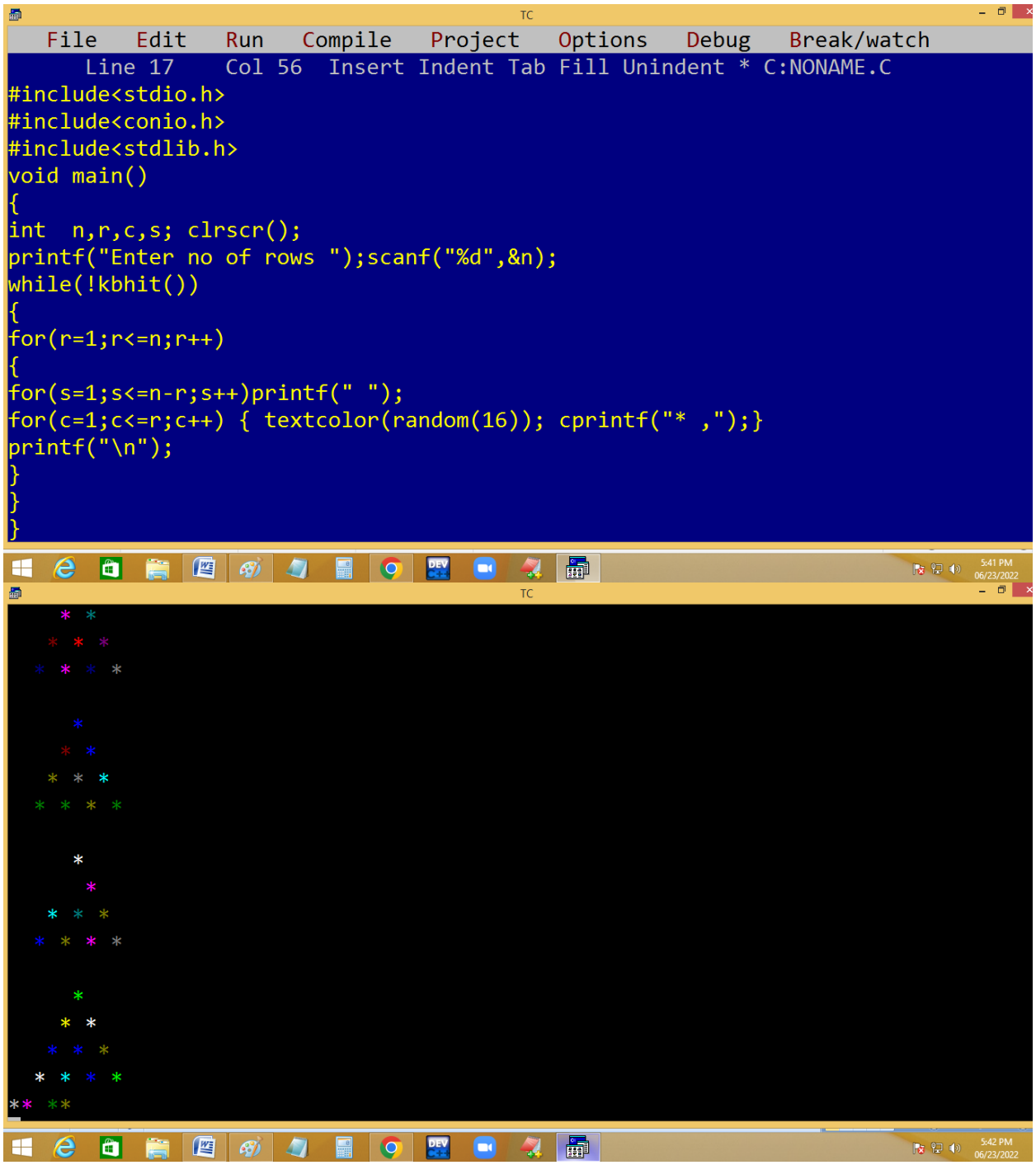
```
for(r=1;r<=4;r++)
{
for(s=1;s<=n-r;s++)p(" ");
for(c=1;c<=r;c++)p(* – );
p("\n");
}
```

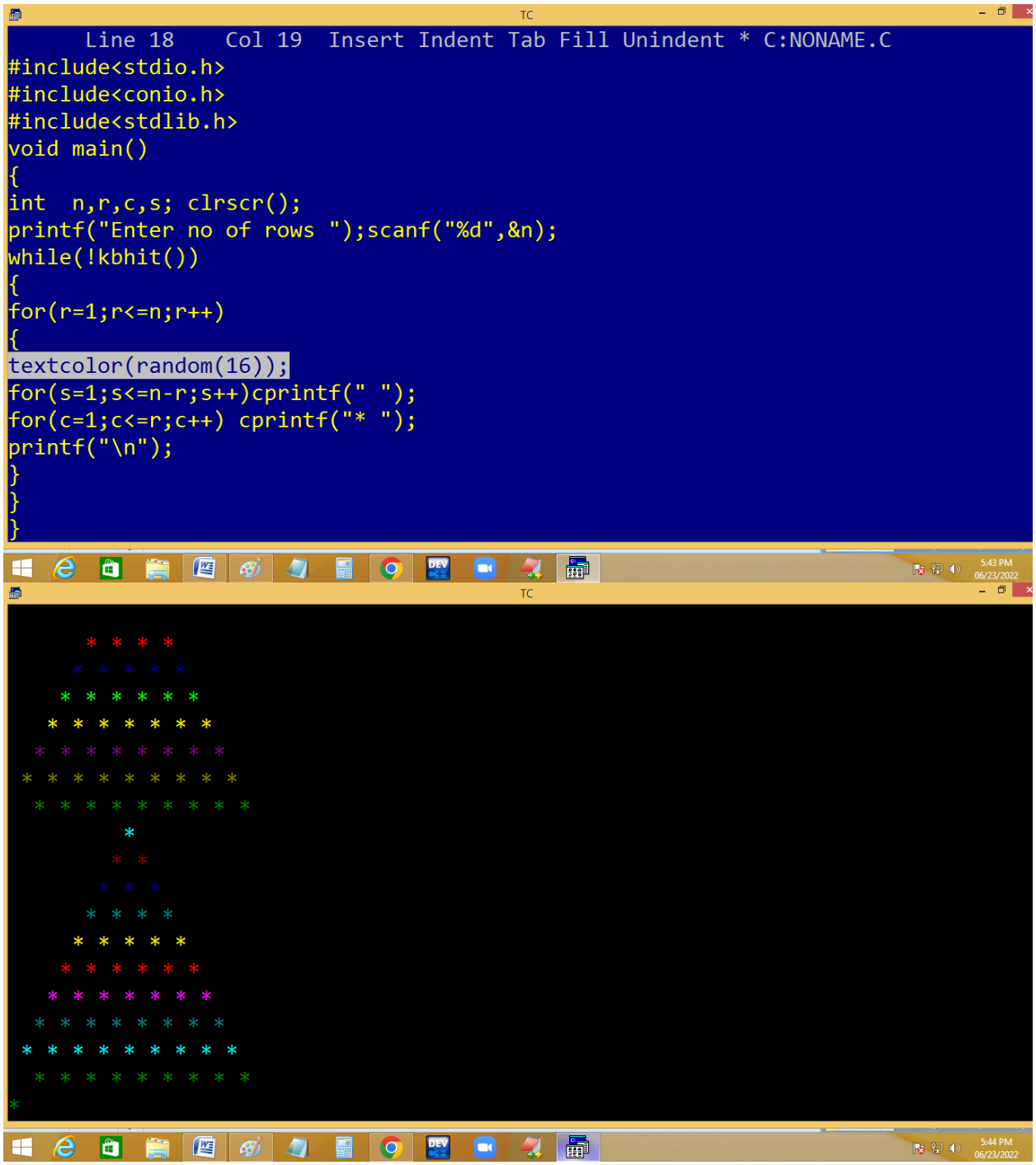


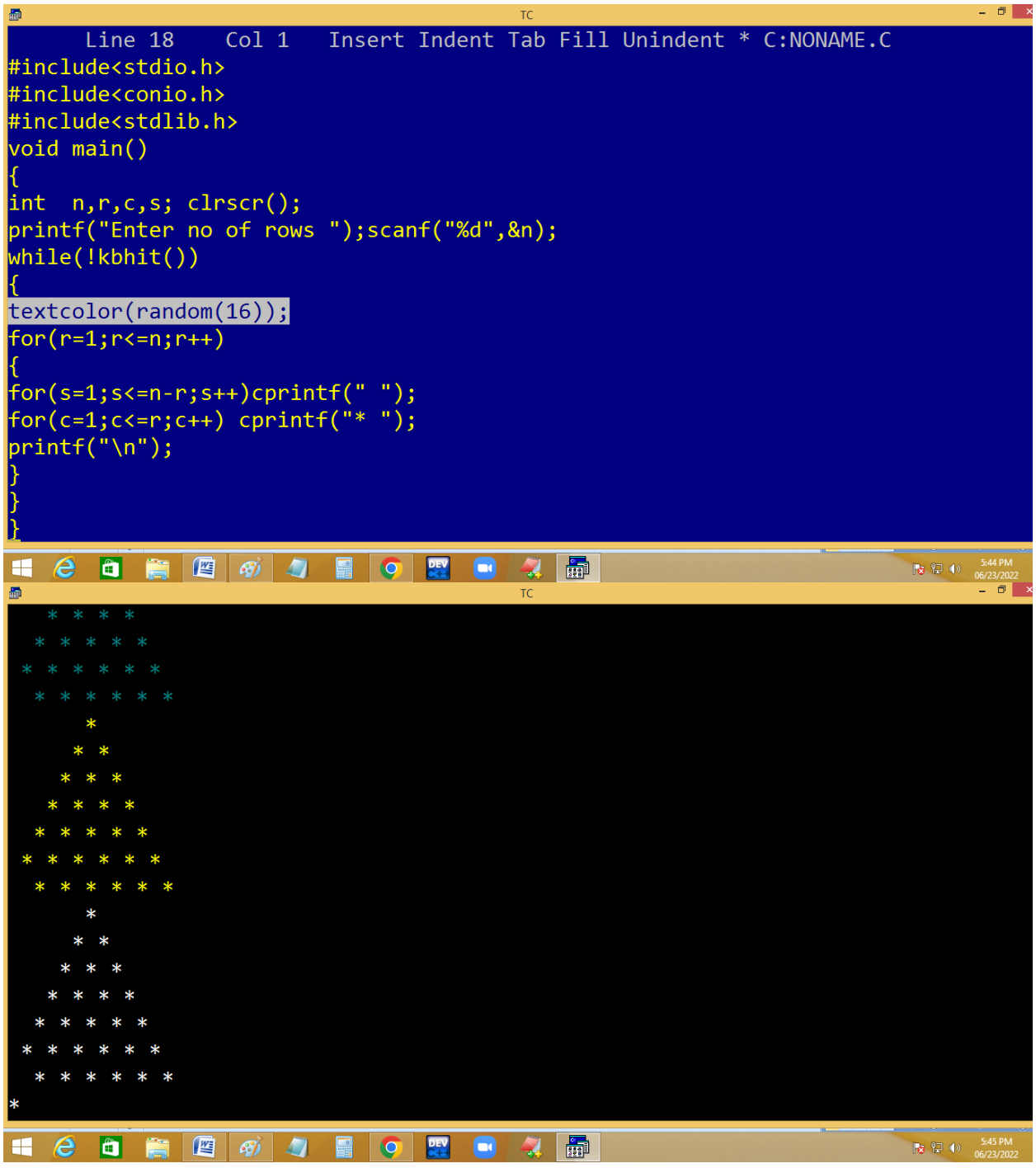
2*r-1
2*1-1=1
2*2-1=3
2*3-1=5
2*4-1=7




TC
File Edit Run Compile Project Options Debug Break/watch
Line 14 Col 12 Insert Indent Tab Fill Unindent * C:NONAME.C
#include<stdio.h>
#include<conio.h>
void main()
{
int n,r,c,s; 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("\b \n");
}
getch();
}
TC
Enter no of rows 10
*
***
*****
****
****
****
****
****
****
****


TC
File Edit Run Compile Project Options Debug Break/watch
Line 17 Col 56 Insert Indent Tab Fill Unindent * C:NONAME.C
#include<stdio.h>
#include<conio.h>
#include<stdlib.h>
void main()
{
int n,r,c,s; clrscr();
printf("Enter no of rows ");scanf("%d",&n);
while(!kbhit())
{
for(r=1;r<=n;r++)
{
for(s=1;s<=n-r;s++)printf(" ");
for(c=1;c<=r;c++) { textcolor(random(16)); cprintf("* ,");}
printf("\n");
}
}
}
5:41 PM
06/23/2022
TC
5:42 PM
06/23/2022


TC
Line 18 Col 19 Insert Indent Tab Fill Unindent * C:NONAME.C
#include<stdio.h>
#include<conio.h>
#include<stdlib.h>
void main()
{
int n,r,c,s; clrscr();
printf("Enter no of 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<=r;c++) cprintf("* ");
printf("\n");
}
}
}
TC


TC
Line 18 Col 1 Insert Indent Tab Fill Unindent * C:NONAME.C
#include<stdio.h>
#include<conio.h>
#include<stdlib.h>
void main()
{
int n,r,c,s; clrscr();
printf("Enter no of 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<=r;c++) cprintf("* ");
printf("\n");
}
}
}
5:44 PM
06/23/2022
TC
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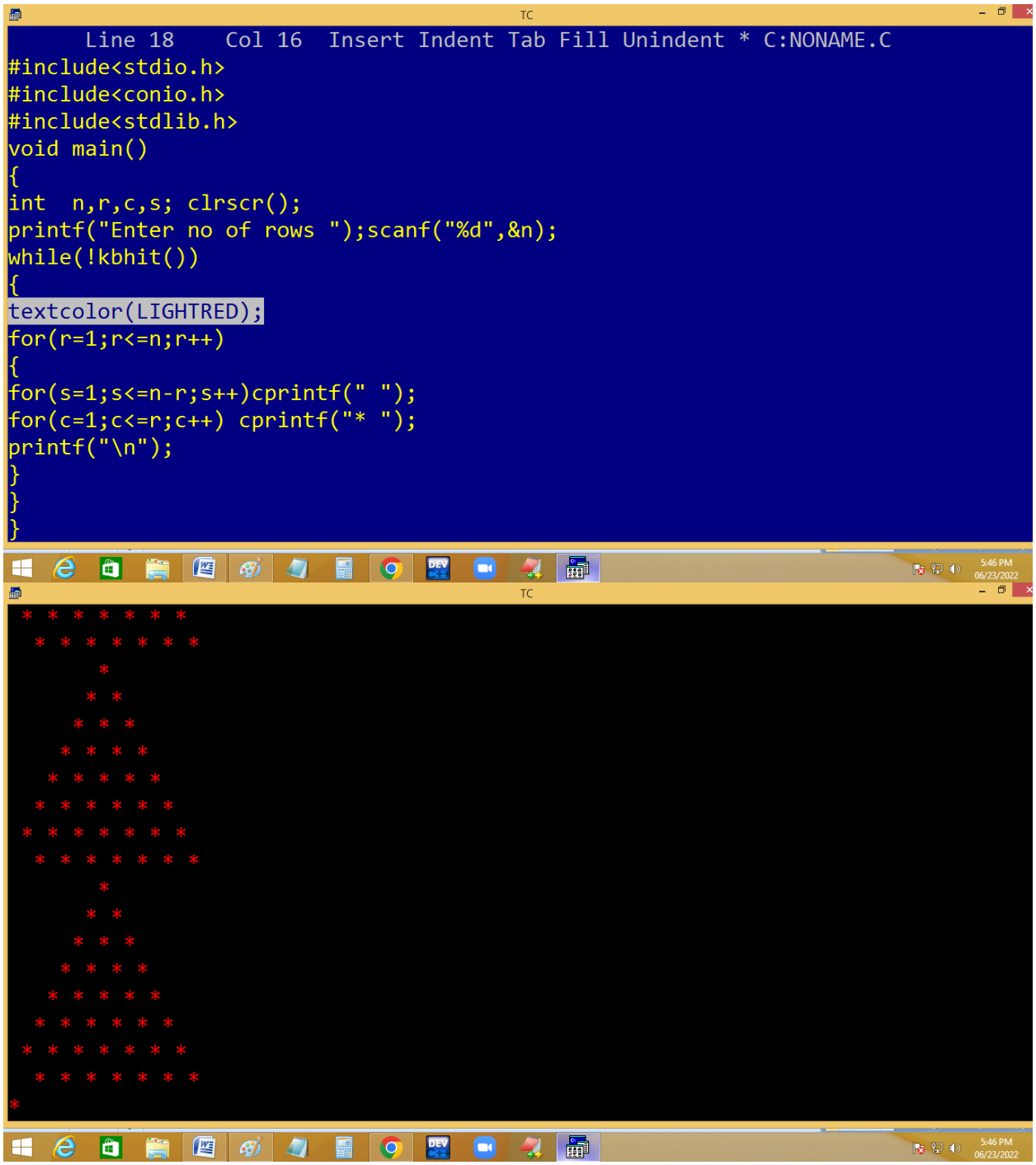
TC
Line 18 Col 16 Insert Indent Tab Fill Unindent * C:NONAME.C
#include<stdio.h>
#include<conio.h>
#include<stdlib.h>
void main()
{
int n,r,c,s; clrscr();
printf("Enter no of rows ");scanf("%d",&n);
while(!kbhit())
{
textcolor(LIGHTRED);
for(r=1;r<=n;r++)
{
for(s=1;s<=n-r;s++)cprintf(" ");
for(c=1;c<=r;c++) cprintf("* ");
printf("\n");
}
}
}
TC
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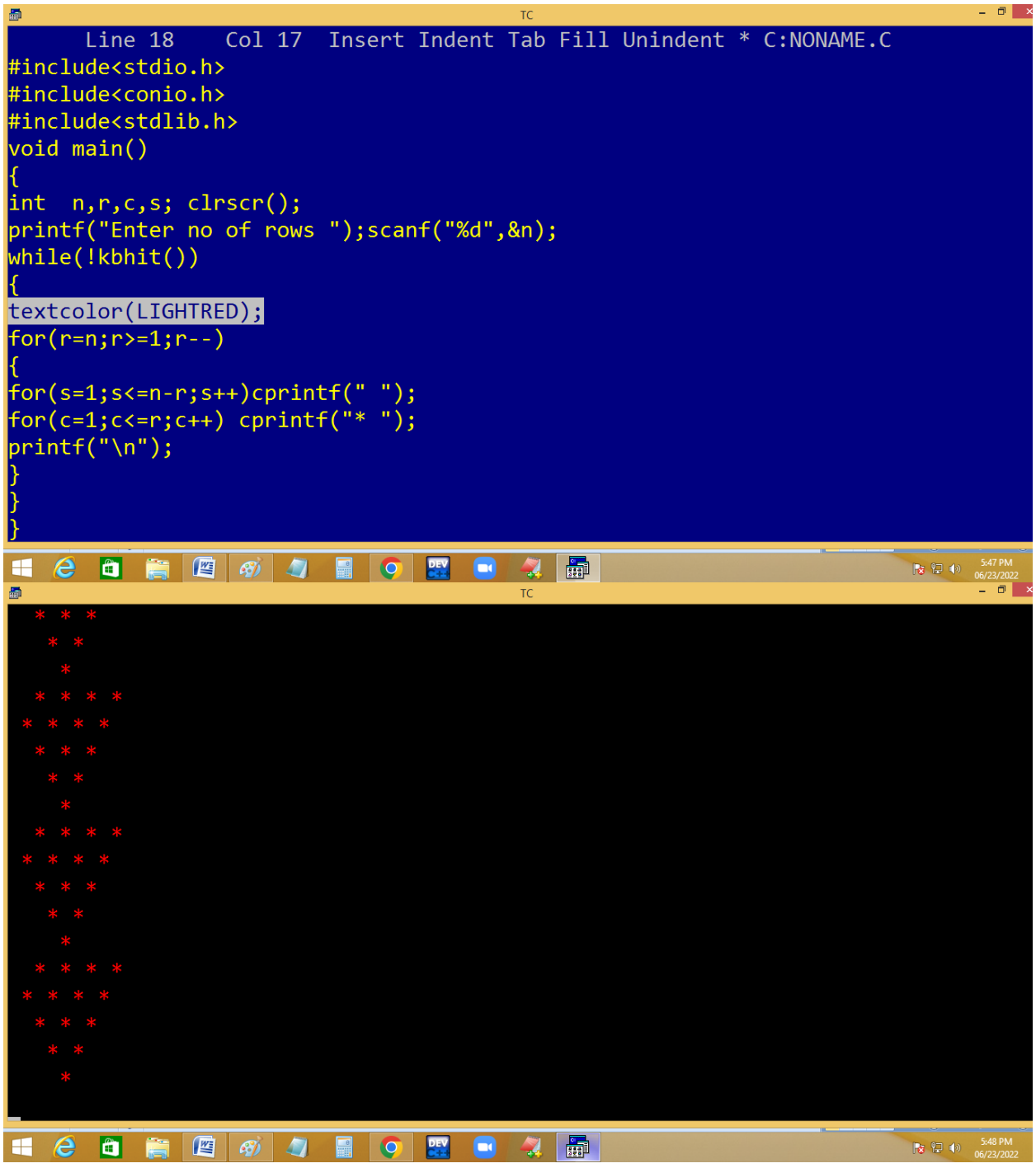
TC
Line 18 Col 17 Insert Indent Tab Fill Unindent * C:NONAME.C
#include<stdio.h>
#include<conio.h>
#include<stdlib.h>
void main()
{
int n,r,c,s; clrscr();
printf("Enter no of rows ");scanf("%d",&n);
while(!kbhit())
{
textcolor(LIGHTRED);
for(r=n;r>=1;r--)
{
for(s=1;s<=n-r;s++)cprintf(" ");
for(c=1;c<=r;c++) cprintf("* ");
printf("\n");
}
}
}
TC
* * *
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