Started on	Sunday, 15 May 2022, 12:14 PM
State	Finished
Completed on	Sunday, 15 May 2022, 12:59 PM
Time taken	45 mins 20 secs
Grade	<b>10.00</b> out of 10.00 ( <b>100</b> %)

Correct

Mark 2.00 out of 2.00

Write a C program to print the given triangular number pattern using loop.

**EXAMPLE**:

INPUT:

5

OUTPUT:

1

12

123

1234

12345

```
1 #include<stdio.h>
2 int main()
3 ₹ {
        int i,j,n;
        scanf("%d",&n);
        for(i=1;i<=n;i++)</pre>
7 ▼
8
            for(j=1;j<=i;j++)</pre>
9 🔻
10
            printf("%d ",j);
11
12
            printf("\n");
13
14 }
```

	Input	Expected	Got	
~	5	1	1	~
		1 2	1 2	
		1 2 3	1 2 3	
		1 2 3 4	1 2 3 4	
		1 2 3 4 5	1 2 3 4 5	
~	6	1	1	~
		1 2	1 2	
		1 2 3	1 2 3	
		1 2 3 4	1 2 3 4	
		1 2 3 4 5	1 2 3 4 5	
		1 2 3 4 5 6	1 2 3 4 5 6	

Passed all tests! ✓

Correct

Correct

Mark 2.00 out of 2.00

Write a C program to print hollow square pattern series using for loop

# **Example**

#### Input

```
Enter number of rows: 6
```

## Output

```
6
* * * * *
*
* * *
*
* * *
```

```
#include<stdio.h>
2 int main()
3 ₹ {
        int i,n,j,k;
 4
        scanf("%d",&n);
        for(i=1;i<=n;i++)</pre>
 6
7 🔻
            if ((i==1) || (i==n))
 8
9 🔻
10
                for(j=1;j<=n;j++)</pre>
11
                printf("*");
12
13
            else
            for(j=1;j<=2;j++)</pre>
14
15 ▼
```

	Input	Expected	Got	
~	5	****	****	~
		* *	* *	
		* *	* *	
		* *	* *	
		****	****	
~	6	*****	*****	~
		* *	* *	
		* *	* *	
		* *	* *	
		* *	* *	
		*****	*****	

Passed all tests! 🗸

Correct

## Question $\bf 3$

Correct

Mark 2.00 out of 2.00

Write a C program for the following pattern:

```
1
2 6
3 7 10
4 8 11 13
5 9 12 14 15
```

```
#include<stdio.h>
   int main()
3 ▼ {
        int i,j,k=1;
 4
        int m[5][5]={0};
        for(i=0;i<5;i++)</pre>
 6
7 ▼
             for(j=i;j<=4;j++)</pre>
 8
             m[j][i]=k++;
10
11
        for(i=0;i<5;i++)</pre>
12 ▼
13
             for(j=0;j<5;j++)</pre>
14 ▼
                 if(m[i][j]==0)
15
                 printf(" ");
16
17
                 else
                 printf("%d ",m[i][j]);
18
19
20
             printf("\n");
21
22 }
```

	Expected	Got	
~	1	1	~
	2 6	2 6	
	3 7 10	3 7 10	
	4 8 11 13	4 8 11 13	
	5 9 12 14 15	5 9 12 14 15	

Passed all tests! ✓

Correct

Correct

Mark 2.00 out of 2.00

Write a C program for the following pattern:

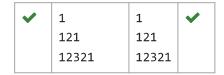
1

121

12321

```
1 #include<stdio.h>
   int main()
3 ▼ {
        int i,j;
 4
        for(i=1;i<=3;i++)</pre>
6 ▼
            for(j=1;j<=i;j++)</pre>
 7
            printf("%d",j);
 8
            for(j=i-1;j>=1;j--)
            printf("%d",j);
10
11
12
        printf("\n");
13
14 }
```





Passed all tests! ✓

Correct

Correct

Mark 2.00 out of 2.00

Write a C program to print equilateral triangle or pyramid star pattern

input:

4

output:

+ + + +

+++++

++++++

```
1 #include<stdio.h>
2 int main()
 3 ▼ {
        int i,j,r;
 4
        scanf("%d",&r);
        for(i=1;i<=r;i++)</pre>
 6
7 🔻
            for(j=i;j<r;j++)</pre>
 8
9 🔻
10
            printf(" ");
11
12
            for(j=1;j<=(2*i-1);j++)
13 ▼
14
            printf("+");
15
16
        printf("\n");
17
18 }
```

	Input	Expected	Got	
~	4	+	+	~
		+++	+++	
		+++++	+++++	
		++++++	++++++	
~	5	+	+	~
		+++	+++	
		+++++	+++++	
		++++++	++++++	
		++++++++	++++++++	

Passed all tests! 🗸

Correct