



Exercise 1

C Language: Pattern Printing

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1. Write a C program to print a square pattern of stars with a side length of 'n'. For example, if 'n' is 5, the pattern should look like this:

```
* * * * *
* * * * *
* * * * *
* * * * *
* * * * *
```

2. Write a C program to print a right-angled triangle of stars. For example, if 'n' is 4, the pattern should look like this:

```
*
* *
* * *
* * * *
```

3. Write a C program to print an inverted right-angled triangle of stars. For example, if 'n' is 4, the pattern should look like this:

```
* * * *
* * *
* *
*
```

4. Write a c program to print left half pyramid pattern of star.

```
      *
    * *
  * * *
* * * *
* * * * *
```

5. Write a C Program to print hollow square pattern using * star.

```
* * * * *
*           *
*           *
*           *
*           *
* * * * *
```

6. Write a C program to print a pyramid pattern of numbers with spaces.

For example, if 'n' is 4, the pattern should look like this:

```
1
2 2
3 3 3
4 4 4 4
```

7. Write a C program to print a pyramid pattern of numbers with spaces.

For example, if 'n' is 4, the pattern should look like this:

```
4 4 4 4
3 3 3
2 2
1
```

8. Write a C program to print a right-angled triangle of numbers. For

example, if 'n' is 4, the pattern should look like this:

```
1
1 2
1 2 3
1 2 3 4
```

9. Write a c program to print pyramid pattern of number.

```
1
2 3
4 5 6
7 8 9 10
```

10. Write a C Program to print pattern using star & number.

```
1  *  *  *
*  2  *  *
*  *  3  *
*  *  *  4
```

11. Write a C Program to Print Continuous Character Pattern.

```
A
B C
D E F
G H I J
K L M N O
```

