1. Print positive-negative number triangle as:

```
        9
       8 6
      7 5 3
     4 2 0 -2
    1 -1 -3 -5 -7
```

2. Print equilateral triangle number as:

```
        5
       454
      34543
     2345432
    123454321
```

3. Print half-square number triangle as:

```
    543212345
     4321234
      32123
       212
        1
```

4. Print the nested hash-star pyramid as:

```
    #####*#####
    ####*#*####
    ###*###*###
    ##*#####*##
    #*#######*#
    *#########*
```

5. Any number geometric sequence number pyramid as:

```
    7
    14 15
    28 29 30 31
    56 57 58 59 60 61 62 63
```

6. print diagonal star-zero pyramid as:

```
    *000000
    0*00000
    00*0000
    000*000
    0000*00
    00000*0
    000000*
```

7. Print following alternative number-star pyramid as:

```
    1
    2*2
```

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

8. Design the following continues number pyramid:

```
1
121
12321
1234321
123454321
```

9. Design the following number pyramid:

```
1
121
1231
12341
123451
```

10. Print any random number pyramid as:

```
4572
572
72
2
```

11. Print below nested star pyramid as:

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

12. Print continue character number pyramid as:

```
1
A B
2 3 4
C D E F
5 6 7 8 9
```

13. Even-odd number star pyramid as:

```
1
*2
1*3
*2*4
1*3*5
```

14. Print Square star pyramid as:

```
*****
```

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

15. Write a C program to print number character pyramid as:

```
1      a
21     ba
321    cba
4321   dcba
54321  edcba
```

16. Write a C program to print the following character pyramid program:

```
ABCD
CDA
AB
C
```

17. Write a C program to print the following number pyramid program:

```
1234
341
12
3
```

18. Write a C program to print the following character rectangle program:

```
ABCD
BCDA
CDAB
DABC
```

19. Write a C program to print the following character rectangle design:

```
ABCBA
AB  BA
A    A
AB  BA
ABCBA
```

20. Write a C program to display the reverse star pyramid as:

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