Q.1  [Write a program to generate a following structure:](http://cprogrammingcodes.blogspot.in/2011/09/1design-rectangle-praymid.html)

          @@@@@

          @@@@@

          @@@@@

          @@@@@

          @@@@@

Q.2  [Write a program to generate a following #'s triangle:](http://cprogrammingcodes.blogspot.in/2011/09/2design-tringle-praymid.html)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| # | # | # | # | # |
|  | # | # | # | # |
|  |  | # | # | # |
|  |  |  | # | # |
|  |  |  |  | # |

Q.3  [Write a program to generate a following @'s triangle:](http://cprogrammingcodes.blogspot.in/2011/09/3design-tringle-praymid.html)

          @ @ @ @ @

          @ @ @ @

          @ @ @

          @ @

          @

Q.4  [Write a program to generate a following #'s triangle:-](http://cprogrammingcodes.blogspot.in/2011/09/4design-tringle-praymid.html)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| # |  |  |  |  |
| # | # |  |  |  |
| # | # | # |  |  |
| # | # | # | # |  |
| # | # | # | # | # |

Q.5  [Write a program to generate a following @'s triangle:](http://cprogrammingcodes.blogspot.in/2011/09/5design-tringle-praymid.html)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  | @ |
|  |  |  | @ | @ |
|  |  | @ | @ | @ |
|  | @ | @ | @ | @ |
| @ | @ | @ | @ | @ |

Q.6  [Write a program to generate a following numbers structure:](http://cprogrammingcodes.blogspot.in/2011/09/6design-numbers-rectangle-structure.html)

          12345

          12345

          12345

          12345

          12345

Q.7  [Write a program to generate a following numbers structure:](http://cprogrammingcodes.blogspot.in/2011/09/7design-numbers-rectangle-structure.html)

          54321

          54321

          54321

          54321

          54321

Q.8  [Write a program to generate a following numbers structure:](http://cprogrammingcodes.blogspot.in/2011/09/8design-numbers-rectangle-structure.html)

          55555

          44444

          33333

          22222

          11111

Q.9  [Write a program to generate a following numbers structure:](http://cprogrammingcodes.blogspot.in/2011/09/9design-numbers-rectangle-structure.html)

          11111

          22222

          33333

          44444

          55555

Q.10  [Write a program to generate a following numbers structure:](http://cprogrammingcodes.blogspot.in/2011/09/10design-numbers-tringle-pyramid.html)

          1

          12

          123

          1234

          12345

Q.11  [Write a program to generate a following numbers structure:](http://cprogrammingcodes.blogspot.in/2011/09/11design-numbers-tringle-pyramid.html)

          12345

          1234

          123

          12

          1

Q.12  [Write a program to generate a following numbers structure:](http://cprogrammingcodes.blogspot.in/2011/09/12design-numbers-tringle-pyramid.html)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  | 1 |
|  |  |  | 1 | 2 |
|  |  | 1 | 2 | 3 |
|  | 1 | 2 | 3 | 4 |
| 1 | 2 | 3 | 4 | 5 |

Q.13  [Write a program to generate a following numbers structure:](http://cprogrammingcodes.blogspot.in/2011/09/13design-numbers-tringle-pyramid.html)

          54321

          4321

          321

          21

          1

Q.14  [Write a program to generate a following numbers structure:](http://cprogrammingcodes.blogspot.in/2011/09/14design-numbers-tringle-pyramid.html)

          1

          21

          321

          4321

          54321

Q.15  [Write a program to generate a following numbers structure:](http://cprogrammingcodes.blogspot.in/2011/09/15design-numbers-tringle-pyramid.html)

          12345

          1234

          123

          12

          1

Q.16  [Write a program to generate a following numbers structure:](http://cprogrammingcodes.blogspot.in/2011/09/16design-numbers-tringle-pyramid.html)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 |
|  | 1 | 2 | 3 | 4 |
|  |  | 1 | 2 | 3 |
|  |  |  | 1 | 2 |
|  |  |  |  | 1 |

Q.17  [Write a program to generate a following numbers structure:](http://cprogrammingcodes.blogspot.in/2011/09/17design-numbers-tringle-pyramid.html)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | 1 |  |  |  |  |
|  |  |  | 1 | 2 | 1 |  |  |  |
|  |  | 1 | 2 | 3 | 2 | 1 |  |  |
|  | 1 | 2 | 3 | 4 | 3 | 2 | 1 |  |
| 1 | 2 | 3 | 4 | 5 | 4 | 3 | 2 | 1 |

Q.18  [Write a program to generate a following numbers structure:](http://cprogrammingcodes.blogspot.in/2011/09/18design-numbers-tringle-pyramid.html)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 | 4 | 3 | 2 | 1 |
|  | 1 | 2 | 3 | 4 | 3 | 2 | 1 |  |
|  |  | 1 | 2 | 3 | 2 | 1 |  |  |
|  |  |  | 1 | 2 | 1 |  |  |  |
|  |  |  |  | 1 |  |  |  |  |

Q.19  [Write a C program to print the following triangle:](http://cprogrammingcodes.blogspot.in/2011/09/star-praymid.html)

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | \* |  |  |  |  |  |
|  |  |  |  | \* | \* | \* |  |  |  |  |
|  |  |  | \* | \* | \* | \* | \* |  |  |  |
|  |  | \* | \* | \* | \* | \* | \* | \* |  |  |
|  | \* | \* | \* | \* | \* | \* | \* | \* | \* |  |
| \* | \* | \* | \* | \* | \* | \* | \* | \* | \* | \* |

Q.20  [Write a C program to print Floyd's triangle:](http://cprogrammingcodes.blogspot.in/2011/09/floyds-triangle.html)

          1

          2 3

          4 5 6

          7 8 9 10

Q.21  [Write a C program to print Pascal triangle:](http://cprogrammingcodes.blogspot.in/2012/02/pascal-triangle.html)

          1

         1 1

        1 2 1

       1 3 3 1

Q.22  [Write a C program to print following character triangle:](http://cprogrammingcodes.blogspot.in/2012/02/character-triangle-equal.html)­­­

          A

          B B

          C C C

          D D D D

Q.23  [Write a C program to print following character triangle:](http://cprogrammingcodes.blogspot.in/2011/11/character-triangle.html)

           A

         A B A

       A B C B A

     A B C D C B A

   A B C D E D C B A

**Q.24**        A B C D E D C B A

            B C D E D C B

               C D E D C

                D E D

E

Q.25  [Write a c program for following number structure:](http://cprogrammingcodes.blogspot.com/2012/01/number-triangle.html)

1

2 2

3 3 3

4 4 4 4

5 5 5 5 5

4 4 4 4

3 3 3

2 2

1

Q.26  [Write a C program to display the string "INDIA" in following fashion:](http://cprogrammingcodes.blogspot.in/2011/12/string-triangle.html)

I

IN

IND

INDI

INDIA

INDIA

INDI

IND

IN

I

Q.27  [Write a C program to display the following character structure:](http://cprogrammingcodes.blogspot.in/2012/02/character-structure.html)

A

BB

CCC

DDDD

CCC

BB

A

Q.28  [Write a C program to display the following number triangle:](http://cprogrammingcodes.blogspot.in/2012/02/number-triangle-equal.html)

1

2 2

3 3 3

4 4 4 4

5 5 5 5 5

Q. 29  [Write a C program display the following number structure](http://cprogrammingcodes.blogspot.in/2011/09/19design-numbers-tringle-pyramid.html):

123454321

 2345432

  34543

   454

    5

Q.30.  [Write a C program to display the following number triangle structure:-](http://cprogrammingcodes.blogspot.in/2012/07/number-triangle.html)  
  
     1  
    21  
   321  
  4321  
 54321  
  
Q.31.  [Write a C program to display the following number triangle structure:](http://cprogrammingcodes.blogspot.in/2012/07/number-pyramidtriangle.html)  
  
 54321  
  4321  
   321  
    21  
     1

Q.32  [Write a C program to print the following number pyramid:](http://cprogrammingcodes.blogspot.in/2012/07/number-pyramid_26.html)  
  
  
          1  
         2 2  
        3 3 3  
       4 4 4 4  
      5 5 5 5 5  
     6 6 6 6 6 6

Q.33  [Write a C program to print the following number structure:](http://cprogrammingcodes.blogspot.in/2012/07/number-pyramid.html)  
  
  
          1  
         1 2  
        1 2 3  
       1 2 3 4  
      1 2 3 4 5   
     1 2 3 4 5 6

Q. 34  [Write a C program to display the following rhombus symbol structure:](http://cprogrammingcodes.blogspot.in/2012/02/symbol-rhombus.html)

     \*

    \*\*\*

   \*\*\*\*\*

  \*\*\*\*\*\*\*

   \*\*\*\*\*

    \*\*\*

     \*

Q. 35  [Write a C program to display the following number rhombus structure:](http://cprogrammingcodes.blogspot.in/2012/02/number-rhombus2.html)

     1

    212

   32123

  4321234

   32123

    212

     1

Q. 36 [Write a C program to display the following number rhombus structure:](http://cprogrammingcodes.blogspot.in/2012/02/number-rhombus.html)

     1

    121

   12321

  1234321

   12321

    121

     1

Q.37  [Write a C program to display the following character rhombus structure:](http://cprogrammingcodes.blogspot.in/2012/02/character-rhombus.html)

     A

    ABA

   ABCBA

  ABCDCBA

   ABCBA

    ABA

     A

Q.38  [Write a C program to display the following square character triangle:](http://cprogrammingcodes.blogspot.in/2012/02/square-triangle1.html)

      A

     ABA

    ABCBA

   ABCDCBA

Q.39  [Write a C program to display the following square character triangle:](http://cprogrammingcodes.blogspot.in/2012/02/square-triangle2.html)

  ABCDCBA

   ABCBA

    ABA

     A

Q.40  [Write a C program to display the following square character triangle:](http://cprogrammingcodes.blogspot.in/2012/02/square-triangle3.html)

     A  
    AB  
   ABC  
  ABCD  
 ABCDE  
  ABCD  
   ABC  
    AB   
     A   
  
Q.41  [Write a C program to display the following square character triangle:](http://cprogrammingcodes.blogspot.in/2012/02/square-triangle4.html)  
  
  
A  
BA  
CBA  
DCBA  
EDCBA  
DCBA  
CBA  
BA  
A

Q.42  [Write a C program to print the following character triangle:](http://cprogrammingcodes.blogspot.in/2012/03/character-triangle.html)  
  
  
EDCBA  
DCBA  
CBA  
BA  
A  
  
Q.43  [Write a C program to print the following number design/triangle:](http://cprogrammingcodes.blogspot.in/2012/06/pyramid-triangle.html)  
  
9  
0 1  
2 3 4  
5 6 7 8  
9 0 1 2 3  
  
Q. 44  [Write a C program to print the following number rectangle:](http://cprogrammingcodes.blogspot.in/2012/07/number-rectangle-structure.html)  
  
12344321  
123\_\_321  
12\_\_\_\_21  
1\_\_\_\_\_\_1

Q. 45  [Write a C program to print the following number pyramid or number structure:](http://cprogrammingcodes.blogspot.in/2012/07/number-structure.html)  
  
            1  
          1 2 3  
        1 2 3 4 5  
      1 2 3 4 5 6 7  
    1 2 3 4 5 6 7 8 9  
  
Q. 46 [Write a C program for print the following number pyramid:](http://www.cprogrammingcodes.blogspot.in/2012/09/number-pyramid.html)  
  
123456654321  
1234554321  
12344321  
123321  
1221  
11

Q. 47 [Write a C program for print the following character pyramid:](http://www.cprogrammingcodes.blogspot.in/2012/09/character-pyramid.html)  
  
ABCDEFFEDCBA  
ABCDEEDCBA  
ABCDDCBA  
ABCCBA  
ABBA  
AA  
  
Q. 48  [Write a C program to print the following number pyramid:](http://www.cprogrammingcodes.blogspot.in/2012/09/number-pyramid_9.html)  
  
       1  
      222  
     33333  
    4444444  
   555555555  
  
Q. 49 [Write a C program to print the following number triangle:](http://www.cprogrammingcodes.blogspot.in/2012/09/number-triangle.html)  
  
 9  
 898  
 78987  
 6789876

Q. 50 [Write a C program to print the following number triangle:](http://www.cprogrammingcodes.blogspot.in/2012/09/number-pyramid_3056.html)  
  
 5  
 45  
 345  
 2345  
 12345  
  
  
  
Q. 51 [Write a C program to print the following number triangle:](http://www.cprogrammingcodes.blogspot.in/2012/09/number-pyramid_17.html)  
  
  
 5  
 454  
 34543  
 2345432  
 123454321  
  
Q. 52 [Write a C program to print the following star structure/fashion:](http://www.cprogrammingcodes.blogspot.in/2012/09/star-structure.html)  
  
\*\*\*\*\*\*\*\*\*  
 \*\*\*\*\*\*\*  
  \*\*\*\*\*  
   \*\*\*  
    \*  
   \*\*\*  
  \*\*\*\*\*  
 \*\*\*\*\*\*\*  
\*\*\*\*\*\*\*\*\*  
  
Q. 53  [Write a C program to print the following rectangle number pyramid:](http://www.cprogrammingcodes.blogspot.in/2012/10/rectangle-number-pyramid.html)  
  
33333  
32223  
32123  
32223  
33333  
  
Q. 54 [Write a C program to print the star triangle frame pyramid like as:](http://cprogrammingcodes.blogspot.in/2012/10/star-triangle-frame-pyramid.html)  
  
\*  
\*\*  
\* \*  
\*  \*  
\*   \*  
\*    \*  
\*     \*  
\*      \*  
\*       \*  
\*\*\*\*\*\*\*\*\*\*  
  
Q. 55  [Write a C program to print the following star pattern pyramid:](http://cprogrammingcodes.blogspot.in/2012/10/star-pyramid-pattern.html)  
  
\*  
\*\*\*  
\*\*\*\*\*\*  
  
Q. 56 [Write a C program to display the reverse star pyramid as:](http://cprogrammingcodes.blogspot.in/2012/10/reverse-star-pyramid.html)  
  
\*\*\*\*\*\*\*\*\*\*  
\*\*\*\*  \*\*\*\*  
\*\*\*    \*\*\*  
\*\*      \*\*  
\*        \*  
  
Q. 57  [Write a C program to display odd number series pyramid as:](http://cprogrammingcodes.blogspot.in/2012/10/odd-number-series-pyramid.html)  
  
1  
3  5  7  
9 11 13 15 17 19  
  
Q.58 [Write a C program to print the following number pyramid/triangle:](http://cprogrammingcodes.blogspot.in/2012/10/number-pyramid.html)  
  
54321  
5432  
543  
54  
5  
  
Q.59 [Write a C program to print the number character pyramid as:](http://www.cprogrammingcodes.blogspot.in/2012/11/number-character-pyramid.html)  
  
1  
AB  
123  
ABCD  
12345  
  
Q. 60 [Write a C program to print the following Floyd triangle as:](http://www.cprogrammingcodes.blogspot.in/2012/11/floyd-triangle.html)  
  
       1  
      2 3  
     4 5 6  
    7 8 9 10  
  
Q.61 [Write a C program to print the following number pyramid:](http://cprogrammingcodes.blogspot.in/2012/11/number-pyramid.html)  
  
1 2 3 4 5  
 2 3 4 5  
  3 4 5  
   4 5  
    5  
  
Q.62 [Write a C program to print the following character pyramid:](http://www.cprogrammingcodes.blogspot.in/2012/11/character-pyramid_18.html)  
  
A  
BA  
ABA  
BABA  
ABABA  
  
Q.63 [Write a C program to accept the number of rows of pyramid and print the star pyramid as:if entered number by user is 7 then output would be:](http://cprogrammingcodes.blogspot.in/2012/11/star-pyramid.html)  
  
\*  
\*\*  
\*\*\*  
\*\*\*\*  
\*\*\*  
\*\*  
\*  
  
Q.64 [Write a C program to print the following number pyramid:](http://www.cprogrammingcodes.blogspot.in/2012/12/number-triangle-program.html)  
  
1  
232  
34543  
4567654  
  
Q.65 [Write a C program to print the following number rectangle structure:](http://www.cprogrammingcodes.blogspot.in/2012/12/number-rectangle-design.html)  
  
12321  
12 21  
1   1  
12 21  
12321  
  
Q.66 [Write a C program to print the following character rectangle design:](http://www.cprogrammingcodes.blogspot.in/2012/12/character-rectangle-design.html)  
  
ABCBA  
AB BA  
A   A  
AB BA  
ABCBA

Q.67 [Write a C program to print the following star triangle structure:](http://www.cprogrammingcodes.blogspot.in/2012/12/star-triangle-pyramid.html)  
  
\*\*\*\*\*\*\*\*\*  
\*\*\*\*\*\*\*  
\*\*\*\*\*  
\*\*\*  
\*  
  
Q.68 [Write a C program to print the following number rectangle program:](http://www.cprogrammingcodes.blogspot.in/2012/12/number-rectangle-program.html)  
  
1234  
2341  
3412  
4123  
  
Q.69 [Write a C program to print the following character rectangle program:](http://www.cprogrammingcodes.blogspot.in/2012/12/character-rectangle-program.html)  
  
ABCD  
BCDA  
CDAB  
DABC

Q.70 [Write a C program to print number character pyramid as:](http://cprogrammingcodes.blogspot.in/2013/01/number-character-triangle.html)  
  
1      a  
21     ba  
321    cba  
4321   dcba  
54321  edcba  
  
Q.71 [Write a C program to print 0 and 1 number triangle as:](http://www.cprogrammingcodes.blogspot.in/2013/01/0-and-1-triangle.html)  
  
1  
01  
010  
1010  
10101  
  
  
Q.72 [Print Square star pyramid as:](http://cprogrammingcodes.blogspot.in/2013/04/square-star-pyramid.html)  
  
 \*\*\*\*\*   
\*     \*  
\*     \*  
 \*\*\*\*\*

Q.73 [Print Rectangle star pyramid as:](http://cprogrammingcodes.blogspot.in/2013/04/rectangular-star-pyramid.html)  
  
\*\*\*\*\*\*  
\*    \*  
\*    \*  
\*\*\*\*\*\*  
  
Q.74 [Even-odd number star pyramid as:](http://cprogrammingcodes.blogspot.in/2013/04/even-odd-number-star-pyramid.html)  
  
1  
\*2  
1\*3  
\*2\*4  
1\*3\*5  
  
Q.75 [Print continue character number pyramid as:](http://cprogrammingcodes.blogspot.in/2013/04/continue-character-number-pyramid.html)  
  
1  
A B  
2 3 4  
C D E F  
5 6 7 8 9

Q.76 [Print the following number design:](http://cprogrammingcodes.blogspot.in/2013/08/vertical-continues-number-pyramid.html)  
  
 1  
 23  
 4  
 56  
 7  
 89  
 **10**  
  
Q.77 [Design the following number pyramid:](http://cprogrammingcodes.blogspot.in/2013/08/number-triangle-design.html)  
  
1  
121  
1231  
12341  
123451  
  
  
Q.78 [Print following alternative number-star pyramid as:](http://cprogrammingcodes.blogspot.in/2013/08/alternate-number-star-pyramid.html)  
  
1  
2\*2  
3\*3\*3  
4\*4\*4\*4  
4\*4\*4\*4  
3\*3\*3  
2\*2  
1  
  
Q.79 [print diagonal star-zero pyramid as:](http://cprogrammingcodes.blogspot.in/2013/08/diagonal-star-and-zero-rectangle.html)  
  
\*000000  
0\*00000  
00\*0000  
000\*000  
0000\*00  
00000\*0  
000000\*  
  
Q.80 [Any number geometric sequence number pyramid as:](http://cprogrammingcodes.blogspot.in/2013/08/binary-geometric-number-pyramid.html)  
  
 7  
 14 15  
 28 29 30 31  
 56 57 58 59 60 61 62 63  
  
Q.81 [Print the nested hash-star pyramid as:](http://cprogrammingcodes.blogspot.in/2013/08/nested-star-hash-pyramid.html)  
  
#####\*#####  
####\*#\*####  
###\*###\*###  
##\*#####\*##  
#\*#######\*#  
\*#########\*

Q.82 [Print half-square number triangle as:](http://cprogrammingcodes.blogspot.in/2013/09/half-square-number-triangle.html)  
  
543212345  
 4321234  
  32123  
   212  
    1  
  
Q.83 [Print equilateral triangle number as:](http://cprogrammingcodes.blogspot.in/2013/09/equilateral-triangle-number-design.html)  
  
     5  
    454  
   34543  
  2345432  
 123454321  
  
  
Q.84 [Print the continuous vertical number pyramid as:](http://cprogrammingcodes.blogspot.in/2014/05/continuous-vertical-number-pyramid.html)  
  
1  
2  7  
3  8 13  
4  9 14 19   
5 10 15 20 25

Q.85 [Nested two types symbol pyramid c program:](http://cprogrammingcodes.blogspot.in/2014/04/nested-2-types-symbol-pyramid.html)  
  
@  
#  
@@  
##  
@@@  
###  
  
Q.86 [Square number pyramid C program:](http://cprogrammingcodes.blogspot.in/2014/02/square-number-triangle.html)  
  
1  
1 4 9  
1 4 9 16 25  
1 4 9 16 25 36 49  
1 4 9 16 25 36 49 64 81