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