# Most Important Questions

Q.1>

Reverse an array k times.

Q.2>

multiply 2 matrices

Q.3>

There are n stairs, a person standing at the bottom wants to climb stairs to reach the nth stair. The person can climb atmost m stairs at a time, the task is to count the number of ways that a person can reach at the top.

Q.3A>

similar problem: There are n stairs, a person standing at the bottom wants to climb stairs to reach the nth stair. The person can climb either 1 ,2 or 3 stairs at a time, the task is to count the number of ways that a person can reach at the top.

Q.4>

Take as input N, a number. Write a recursive function which prints counting from 0 to N in lexicographical order. In lexicographical (dictionary) order 10, 100 and 109 will be printed before 11.

Q.5>

Given a N*N matrix. The task is to find the index of the column with the maximum sum. That is the column whose sum of elements is maximum.

Q.6>

Given a 2D array of size N x N. Rotate the array 90 degrees anti-clockwise.

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1 2 3 4

5 6 7 8

9 10 11 12

13 14 15 16

4 8 12 16

3 7 11 15

2 6 10 14

1 5 9 13

Q.7>

subset problem, split array , first index , last index , all indexes, replace 0 with 5 from assignment 2

Q.8>

merge 2 sorted arrays.

Q.9>

https://www.hackerrank.com/challenges/array-splitting/copy-from/353828130