12:49 PM 22/06/25 Given a string s, partition s such that every substring of the partition is a palindrome. Return all possible palindrome partitioning of s. Example 1: Input: s = "aab" nitin Output: [["a","a","b"],["aa","b"]] n|i|tin| n|it|i|n| n|it|in| n|iti|n| n|itin| ni|t|i|n| ni|t|in| ni|ti|n| ni|tin| nit|i|n| nit|in| niti|n| nitin| abcd alpicial ~ albical 9/6/0 abcdl albed abled abc/d 96/c/d abold albel d 9/b/cd abla abch ab/c/2 ab/c/d/ 9691 9/6/012/ nitim 900 ans (ut =1 itin N 0-1 μį tin 2 (2) 0-2 mi/ hic ingo 0-7 n (4) niti 0-7 Olus. Sub ( cux) Initin n|i|t|i|n|
n|i|t|i|n|n|i|ti|n|n|i|ti|n|n|it|i|n|n|it|i|n|n|i|t|i|n|
n|i|t|in|
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n|i|tin| n|it|i|n| n|it|in| n|iti|n| n|itin| n|itin| ni|t|i|n|
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ni|ti|n| ni|t|i|n| ni|t|in| ni|ti|n| ni|tin| nit|i|n| nit|i|n| nit|in| niti|n| nitin| nit|in| niti|n| nitin| hitim TUP -> ROW-1, col dons ~ Lest 1 A ROW ( col ) Rat Chases its cheese Input You are given an N\*M grid. Each cell (i,j) in the grid is either blocked, or empty. The rat can move from a position towards left, right, up or down on the 5\_4 grid. 0X00 000X Initially rat is on the position (1,1). It wants to reach position (N,M) where it's cheese is waiting for. If a path exists-it is always unique. Find that path and help the rat reach its cheese. XOXO XOOX Input format 0 **XX00** First line contains 2 integers N and M denoting the rows and columns in the Output Next N line contains M characters each. An 'X' in position (i,j) denotes that the cell is blocked and ans '0' denotes that the cell is empty. 1000 1 1 0 0 0 1 0 0 0 1 1 0 0 0 1 1 6 public static void main(String[] args) { // TODO Auto-generated method stub Scanner sc = new Scanner(System.in); int n = sc.nextInt(); int m = sc.nextInt(); char[][] maze = new char[n][m]; for (int i = 0; i < maze.length; i++) {</pre> String s = sc.next(); for (int j = 0; j < s.length(); j++) {
 maze[i][j]=s.charAt(j);</pre> public static void print(char[][] maze, int cr, int cc) { // TODO Auto-generated method stub if (cr < 0 || cc < 0 || cr >= maze.length || cc >= maze[0].length) { return; print(maze, cr - 1, cc);// up print(maze, cr, cc - 1);// left Input print(maze, cr + 1, cc);// down ✓ 5 4 print(maze, cr, cc + 1);// right 0X00 000X XOXO XOOX XXOO Output 0 1 1 0 0 0 1 1 public static void print(char[][] maze, int cr, int cc) { // TODO Auto-generated method stub **f** (cr < 0 || cc < 0 || cr >= maze.length || cc >= maze[0].length || maze[cr][cc] != 'X') { return; maze[cr][cc] = 'X';print(maze, cr - 1, cc);// up print(maze, cr, cc - 1);// left 4X print(maze, cr + 1, cc);// down print(maze, cr, cc + 1);// right 7 maze[cr][cc] = '0';X3 1 3 X 4 X X public static void print(char[][] maze, int cr, int cc, int[][] ans) { // TODO Auto-generated method stub if (cr < 0 || cc < 0 || cr >= maze.length || cc >= maze[0].length || maze[cr][cc] == 'X') { return; if(cr==maze.length-1 && cc==maze[0].length-1) { 0 Display(ans); return; maze[cr][cc] = 'X';ans[cr][cc]=1; r(i) print(maze, cr, cc - 1, ans);// left print(maze, cr + 1, cc, ans);// down print(maze, cr, cc + 1, ans);// right
maze[cr][cc] = '0';
ans[cr][cc]=0; int cdr= &-1101/10 3

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