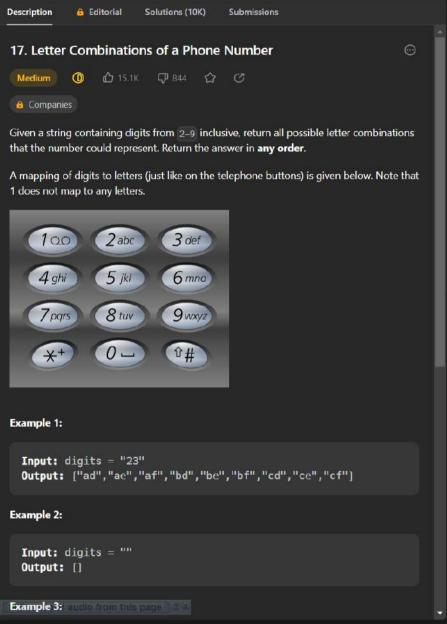


```
i Java ∨ = Auto
     class Solution {
          public int shortestPathBinaryMatrix(int[][] grid) {
              if(grid[0][0] == 1) return -1;
              int m = grid.length;
              int n = grid[0].length;
              Queue<int[]> q = new LinkedList<>();
              q.add(new int[]{0,0,1});
              grid[0][0] =1;
              int[][] dir = \{\{0, 1\}, \{1, 0\}, \{0, -1\}, \{-1, 0\}, \{1, 1\}, \{1, -1\}, \{-1, 1\}, \{-1, -1\}\};
              while(!q.isEmpty()){
                  int size = q.size();
                  while(size-- > 0){
                       int[] point = q.poll();
                       if(point[0] == m-1 && point[1] == n-1)
                          return point[2];
         Result
Testcase
Accepted Runtime: 0 ms
              • Case 2
                         • Case 3
 Case 1
Input
  [[0,1],[1,0]]
Output
 2
Expected
 2
                                                                                                          Submit
Console V
                                                                                                Run
```



```
i Java ∨ | • Auto
  1 class Solution {
          public List<String> letterCombinations(String digits) {
              List<String> ans = new ArrayList<>();
              if (digits.length() == 0)
              return ans;
              HashMap<Character , String> hm = new HashMap<>();
              hm.put('2', "abc");
              hm.put('3' , "def");
              hm.put('4', "ghi");
              hm.put('5' , "jkl");
              hm.put('6' , "mno");
              hm.put('7' , "pqrs");
              hm.put('8' , "tuv");
              hm.put('9', "wxyz");
              backtrack(digits, 0, hm, new StringBuilder(), ans);
              return ans:
Testcase
        Result
Accepted Runtime: 0 ms
                         • Case 3
  Case 1
              • Case 2
  "23"
Output
  ["ad", "ae", "af", "bd", "be", "bf", "cd", "ce", "cf"]
Expected
  ["ad", "ae", "af", "bd", "be", "bf", "cd", "ce", "cf"]
                                                                                                     Submit
Console ~
                                                                                            Run
```