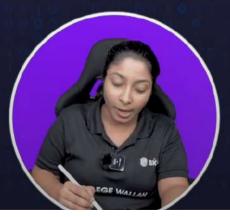


Today's Checklist

• Given a string containing digits from 2-9 inclusive, return all possible letter combinations that the number could represent.

Frog problem



Recursion Questions 9 | Recursion on Array & Strings | Frog Problem | Lecture 30 | Java & DSA Course



m = 4

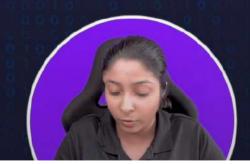
Try this

There are N stones, numbered $0,1,2,\dots$ 1. For each i $(0 \le i \le N)$, the height of Stone i is hi. There is a frog who is initially on Stone 0. He will repeat the following action some number of times to reach Stone N-1:

If the frog is currently on Stone i, jump to Stone i+1 or Stone i+2.

Here, a cost of (hi - hj) is incurred, where j is the stone to land on.

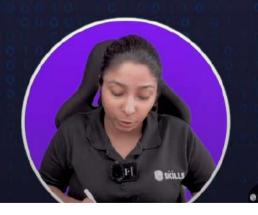
Find the minimum possible total cost incurred before the frog reaches Stone N.

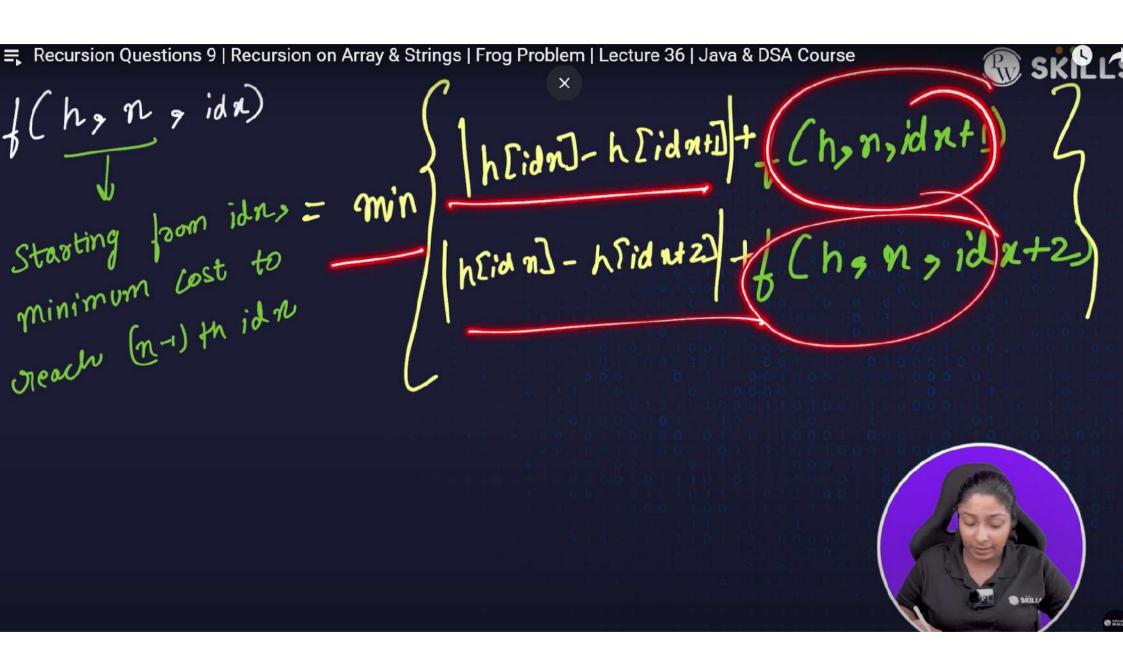


Recursion Questions 9 | Recursion on Array & Strings | Frog Problem | Lecture 36 | Java & DSA Course











Try this

Given a string containing digits from 2-9 inclusive, return all possible letter combinations that the number could represent. Return the answer in any order.

Input: digits = "23"

Output: ["ad", "ae", "af", "bd", "be", "bf", "cd", "ce", "cf"]

