Backtracking

[Backtracking](https://leetcode.com/explore/learn/card/recursion-ii/472/backtracking/2654/) is an algorithmic technique for solving problems recursively by trying to **build a solution incrementally**, one piece at a time, removing those solutions that fail to satisfy the constraints of the problem at any point of time (by time, here, is referred to the time elapsed till reaching any level of the search tree). If the solution candidate turns to be *not* a solution (or at least not the *last* one), backtracking algorithm discards it by making some changes on the previous step, *i.e.* *backtracks* and then try again.