Backtracking

[Backtracking](https://leetcode.com/explore/learn/card/recursion-ii/472/backtracking/2654/) is an algorithm for finding all solutions by exploring all potential candidates. 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.