**22. Generate Parentheses**

Medium

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Given n pairs of parentheses, write a function to *generate all combinations of well-formed parentheses*.

**Example 1:**

**Input:** n = 3

**Output:** ["((()))","(()())","(())()","()(())","()()()"]

**Example 2:**

**Input:** n = 1

**Output:** ["()"]

**Constraints:**

* 1 <= n <= 8