095. Unique Binary Search Trees II

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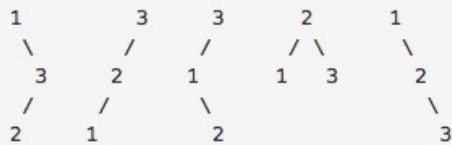
- **Dynamic Programming** + tree

Description

Given an integer *n*, generate all structurally unique **BST's** (binary search trees) that store values 1...*n*.

For example,
Given *n* = 3, your program should return all 5 unique BST's shown below.

```
   1         3     3      2      1
    \       /     /      / \      \
     3     2     1      1   3      2
    /     /       \                 \
   2     1         2                 3
```

1. Thought line

2. Dynamic Programming + tree

```
1
```