**96. Unique Binary Search Trees**

Medium

183371FavoriteShare

Given *n*, how many structurally unique **BST's** (binary search trees) that store values 1 ... *n*?

**Example:**

**Input:** 3

**Output:** 5

**Explanation:**

Given *n* = 3, there are a total of 5 unique BST's:

1 3 3 2 1

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3 2 1 1 3 2

/ / \ \

2 1 2 3

1. DP

