

77. Combinations

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Given two integers n and k , return *all possible combinations of k numbers chosen from the range $[1, n]$* .

You may return the answer in **any order**.

Example 1:

Input: $n = 4, k = 2$
Output: `[[1,2],[1,3],[1,4],[2,3],[2,4],[3,4]]`
Explanation: There are 4 choose 2 = 6 total combinations.
Note that combinations are unordered, i.e., `[1,2]` and `[2,1]` are considered to be the same combination.

Example 2:

Input: $n = 1, k = 1$
Output: `[[1]]`
Explanation: There is 1 choose 1 = 1 total combination.

Constraints:

- $1 \leq n \leq 20$
- $1 \leq k \leq n$

Seen this question in a real interview before? 1/4

☒ Yes ☐ No

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