77. Combinations

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 <= n <= 20
- $1 \le k \le n$