

254. Factor Combinations

Medium

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Numbers can be regarded as the product of their factors.

- For example, $8 = 2 \times 2 \times 2 = 2 \times 4$.

Given an integer n , return *all possible combinations of its factors*. You may return the answer in **any order**.

Note that the factors should be in the range $[2, n - 1]$.

Example 1:

Input: $n = 1$

Output: []

Example 2:

Input: $n = 12$

Output: [[2,6],[3,4],[2,2,3]]

Example 3:

Input: $n = 37$

Output: []

Example 4:

Input: $n = 32$

Output: [[2,16],[4,8],[2,2,8],[2,4,4],[2,2,2,4],[2,2,2,2,2]]

Constraints:

- $1 \leq n \leq 10^7$

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```
1 class Solution {
2     public List<List<Integer>> getFactors(int n) {
3
4     }
5 }
```