Q1-1. Prime Factorization (10%)

Write a program to do prime factorization. For example: 18 = 2*2*3. The output will be sorted from the smallest to the largest. The range of the input integer is less than 100000.

- **Input Format**
  An integer **n**.

- **Output Format**
  The prime factorization of **n**. Please make sure to have a space between each prime and have a "\n" at the end.

- **Technical Specifications**
  - $1 \leq n \leq 10^5$

Input Example	Output Example
18	2 3 3
543	3 181
4096	2 2 2 2 2 2 2 2 2 2 2 2