

Program Design (II)

Homework #1

Due: 2022/3/22 13:00pm (CST)

NOTE: Please upload your C program to Domjudge before the due date and time.

1. (10%) Prime_factorization

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

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