Find all prime numbers between 1 and n

Cost: 4 | Solved: 150

Memory limit: 256 MB

Time limit: 1 s

Input: input.txt

Output: output.txt

Task:

Find all prime numbers between 1 and **n** (included).

Input:

Contains a positive integer number **n** ($1<=n<=10^6$).

Output:

All prime numbers between 1 and **n** in an ascending order.

Example:

Input	Output
12	2 3 5 7 11
23	2 3 5 7 11 13 17 19 23