

Overview:	Print all prime numbers up to some upper limit N (inclusive)
Description:	<p>A prime number is a positive integer that can only be divisible by 1 and itself. By definition, 1 is NOT a prime number. Examples of prime numbers include 2, 23, 47, etc. For example, 6 is not a prime number because it is divisible by 2 and 3.</p> <p>You are given a number N and in this problem, you need to print out all prime numbers up to N (inclusive).</p>
Filename:	bug1.{java, cpp, py}
Input:	The input only contains one line. The line contains a single integer N .
Output:	Print all prime numbers in ascending order. One number per line.
Assumptions:	$2 \leq N \leq 1,000,000$
Sample Input 1:	23
Sample Output 1:	2 3 5 7 11 13 17 19 23
Sample Input 2:	4
Sample Output 2:	2 3