JAVA programmers: your program name must be: prob06.class
C programmers: your program name must be: prob06.exe

Task Description

Given a positive integer N, print a list of the prime numbers from 2 to P, where P is the largest prime number ≤ N. The integer N may range from 1 to 1000. A prime number is defined as a positive integer greater than one that is exactly divisible only by itself and one. The output list should be five items per line as formatted in the example below.

Sample Input/Output

```
Enter maximum value: 50

2     3         5        7       11
13    17       19       23       29
31    37       41       43       47
```