

# Program Specification

Prime Numbers

## 1 PROGRAM DESCRIPTION

---

Create a program that displays prime numbers up to a value provided by the user.

## 2 INPUT DESCRIPTION

---

The user shall enter the maximum value to test for output on the keyboard:

1. `maxValue` – an Integer value to store the maximum value to be tested for output

## 3 OUTPUT DESCRIPTION

---

Print the all primes up to the *maxValue*. Values should be printed 5 per line with the last line potentially containing less than 5 depending on the value in *maxValue*.