

Homework 2

Due 13 February, 1985

This assignment has two parts. In part one, you are to write a BASIC program that reads in a sequence of numbers and, after reading each, prints the smallest prime greater than that number. For example, if the input number is 8, your program should print 11. You must use at least one `GOSUB` in your program. You may use any BASIC interpreter to do this assignment.

Part two is a *one paragraph* written assignment. Do problem 6 on page 37 of Pratt's book with the following Pascal statement:

```
X[I] := A[I] * K ;
```

There is no single *right* answer to this question.