Programming Languages 1
Lesson 4

1ˢᵗ Test: 27th October 2015

Exercises:

1. Write a C program that reads an integer number from the keyboard, and prints out all the prime numbers till that number (including it if it is a prime).
   1. Reuse the previous code
   2. Do not forget to test the limiting cases

2. Write a C program which reads in a string and prints it back reversed.
   1. Learn how strings work in C
   2. Learn the work of "procedures" in C
   3. Write the program so that it uses a void function to print back the reversed string.

3. Write a C program in which you read in a string that only contains letters of the english alphabet. Print back the string using only uppercase letters.
   1. Learn the relation of numbers and characters in C.
   2. Find out the character codes of lowercase and uppercase letters.
   3. Write the program, using a function to convert the letters.