

Lab 3

This lab is difficult, good luck.

On Cloud9, create a folder named “lab3” in your cse201 workspace. Store all your work for lab 3 in that folder.

Exercise 1

Create a program that reads an integer from standard input and determines whether that integer is even or odd. Name your source file `evenodd.cpp`

Exercise 2

Create a program that reads an integer from standard input and calculates the factorial of that integer. Name your source file `fac.cpp`

Exercise 3

Create a program that reads an integer from standard input and determines whether that integer is a prime integer. Name your source file `prime.cpp`

Exercise 4

Create a program that reads an integer from standard input and outputs all the prime factors of that integer.