

The Chinese University of Hong Kong
Faculty of Engineering
Department of Systems Engineering & Engineering Management
SEEM 3460

Assignment 2

Question 1

- (a) Implement the multi-module C program design for the calculator project as described in the Lecture notes on "Multi Module Programming Design in C Programming" and "Makefiles for C Projects".
- (b) Modify the design with an additional module for subtraction.

Question 2

Consider the multi-module design as described in the Lecture notes on "Multi-Module Design Example: Matrix Operations in C", and assume that the parts for Gauss elimination and Linear regression are not yet completed.

Give an implementation for a main.c program and create a makefile for testing out the correct operations for matrix multiplication and matrix transpose.