

## COL216 Computer Architecture

### Lab Assignment 1 : Familiarization with ARMSim#

ARMSim# is a simulator developed at [University of Victoria, Canada](#). It is an instruction level simulator for ARM7 processors, also supporting some simple input/output typical of training kits. There is a built-in assembler to facilitate The objective of this assignment is to familiarize with this simulator by reading the documentation posted on moodle, running the given sample programs in ARM assembly language and developing your own program for sorting n numbers. For sorting program, you may use some simple technique like bubble sort. At the end of the lab session, upload your work on moodle.