**Lab 1 Kristian Myzeqari 261 037 094**

The goal of the lab:

The main goal of Lab 1 was to familiarize us with the use of different ARM instructions and conventions. The main topics covered were compare instructions, branch instructions, shift and rotate instructions, load instructions and functions with subroutine calls. The functionality of the stack was also explored in depth when using callee-save conventions during subroutine calls. The five increasingly difficult tasks assigned for this lab used varied from simple arithmetic routines to an image filtering routine, showing us the versatility of assembly programming language.