

# Microprocessors lab ECSE444

## Lab 1 Demo sheet

Student Name: \_\_\_\_\_ Student ID: \_\_\_\_\_ Grade: \_\_\_\_\_ /100

1. Demonstrate correct functionality of the code as follows: **(60%)**  
(Set simulation speed at **50MHz.**)

- Output of the dot-product functions match the TA outputs

C (30%):                      CMSIS (15%):                      Assembly (up to 10% +):

Timing and analysis (5%):

Assembly =

C =

CMSIS =

- Output of the variance functions match the TA outputs

C (30%):                      CMSIS (15%):                      Assembly (up to 10% +):

Timing and analysis (5%):

Assembly =

C =

CMSIS =

2. Implementations discussion. Students should explain the code clearly and their instruction choices. **(40%)**