EXAM 1 Information (EET 340)

Exam 1 Date: March 7th (Tuesday)
Exam 1 Syllabus: Lectures till 02-28-23

Recommended study:

- 1. Study labs and homework's thoroughly.
- 2. Study class notes and chapter PPT thoroughly.

Question Pattern

- It will be altogether 6 questions
- This exam is <u>closed book</u>. You can use a calculator. However, you can write the necessary information/equations/formulas in a single piece of paper and bring it to the exam.
- **Exam Procedure for Face-to-face Students:** Face to face students appear exam 1 on the regular class time. You will have 70 minutes to complete this exam.

Exam Procedure for Online Students:

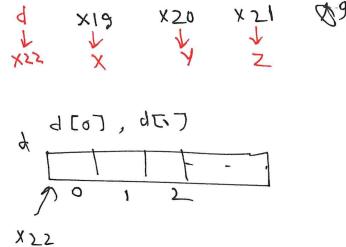
- 1. You need to download the file from the link provided, print and fill it out by answering the questions.
- 2. When you are finished, scan the completed document into a file and upload it into the drop box provided here.

Or, instead of 1 and 2, you can also write your solutions on paper, scan it and upload your solutions page by page.

- ²4. Exam 1 will be available to you from March 7th (Tuesday)12.30 PM, and you need to complete your exam by March 8th (Wednesday)12.30 PM (within 24 hours of receiving your exam).
- 5. You will have 75 minutes to complete this exam. Do not close the window or leave this exam must be completed in one sitting.
- 6. If you have any issue regarding submission/access, call my phone (4099982301) anytime and email me.

Homework 2: 6. Convert C++ code snippet to LEGv8 assembly code. The following variables x, y, and z are associated with registers X19, X20, and X21, respectively, and base address of the array d is in X22. Comment the code. (30 Points)

Let's assume X3 -> i



MOVI X9, #0

II
$$i = 0$$

II compare i and q

B. GE EXit

LSL X10, X9, #3

ADD X10, X22, X10

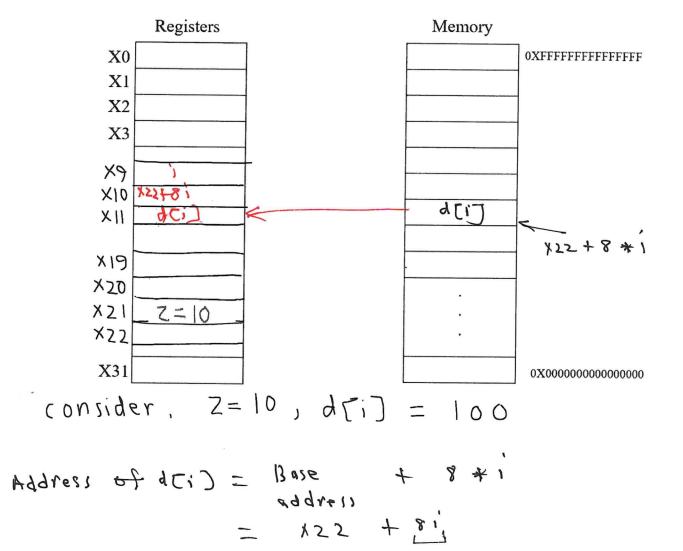
LDUR XII, [X10, #0] || X10 = $i \times 2^3 = 8i$

ADD X20, XII, X21

ADD X20, XII, X21

ADD X9, x9, #1

K Loop



Homework 2: 5. Convert C++ code snippet to LEGv8 assembly code. The following variables x, y, and z are associated with registers X19, X20, and X21 respectively, and base address of the array A is in X22. Comment the code. (15 Points)