

Quiz1 ECE2560 Au2021

Collaboration with other students is not allowed

Zip the following files together: (The class' web site contains information about how to deliver the files to your TA via. Carmen. Do not email directly to your TA. Files emailed to the TA will not be accepted)

- i) A page with your first name, last name and OSU email (pdf or Word format)
- ii) Answers to the quiz questions (pdf or Word format)

Each problem is worth 1 point. No partial credits.

- 1) What is the size of the RAM (in bytes) used in the microcontroller used in this class?

- 2) How many pins are there in the MCU used in this class?

- 3) The bits 11010000 are stored in an 8 bit register to represent a signed binary number (in 2's complement representation). This number is divided by 8 and stored in another 8 bit register. Show all the bits in this register.

- 4) In little-endian byte ordering, is the lower significant byte stored in lower or higher memory?

- 5) What does the acronym CPU stand for?

