**CYB 220 Lab 6 - Binary Analysis Lab (Nov 1, 2024)**

**Due**: Friday, Nov 8, 2024, 11:59 pm.

**Turn in**: This report

Points: 30 pts

**Objective**: Play with a binary executable (compressed in Lab-Binary.tgz) and learn how to use readelf, objdump utilities.

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(5 pts)Question 1: How many sections are there in this binary executable?

Take a screenshot of the command you were using and the result from the command where you get your answer. Briefly explain.

(10 pts)Question 2: Which section stores the constants and strings in a binary executable? Find the answer from that section.

Take a screenshot of the command and the result where you found the answer to this question.

(10 pts)Question 3: What is the result of the arithmetic calculation?

Take a screenshot of the relevant part of the assembly code, and explain how you figured out the correct answer.

(5 pts)Take a screenshot when you correctly answer all 3 questions.

[paste here]