University of Nevada, Las Vegas Computer Science 456/656 Spring 2025

Assignment 7: Due Saturday April 5, 2025, 11:59 PM

Name:_____

    You are permitted to work in groups, get help from others, read books, and use the internet. If you need help uploading your assignment to canvas, ask our teaching assistant, Louis DuMontet.

1. Work Exercises 5 through 9 on lalrhandout1.

2. Work Problems 1. through 7. on lalrhandout2.

3. Canonical order of a language is important.

4. We haven't proved it, but it is important to know that a language L is $\mathcal{RE}$ if and only if there is some machine that accepts L.

5. I will expect you to be know the proofs of Theorems 1, 2, 3, and 4 on the handout by the third examination, April 9.