

## Assignment 3



**Course** CS 4341  
**Course Title** Digital Logic & Computer Design  
**Term** Fall 2022

**Due by** 11/20/2022 at 11:59PM CST

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### General Instructions

- Assignment is due on or before **Sunday 11/20/2022 at 11:59PM CST**
- Submit syntax error-free HDL code file for each problem. Files with compilation errors will not be graded.
- This assignment is meant to be solved completely by individual students and not in groups.
- All problems are mandatory.
- Assignment submissions must be uploaded to the designated folder in eLearning. No manual submissions are accepted.
- Assignments **will not** be accepted late, unless eLearning has an accessibility issue and I'm informed about it. The submission URL will be disabled after the due-date, and hence no late submissions will be possible.
- Any form of dishonesty will result in a score of **0** on the entire assignment. Any students involved will, according to Departmental Policy, be referred to the Director of Community Standards & Conduct for adjudication.

### Grading Policy

- Grading may or may not be based on all the problems. So do not take risks by missing any problemsolution.
- For the HDL problems, 100% of the grade for the correct code
- For HDL problems, 0 grade is given for any code that has compilation errors.

### Assignment Problems

Solve the following problems from your textbook:

- **Chapter 4:** 4.3, 4.4, 4.29

***GOOD LUCK!***