Exam Review

University of Wyoming COSC 1010

Announcements

- Exam this week
  - Available on Wednesday and Thursday
  - You will have 75 minutes
  - One attempt only
  - You are not allowed to work with anyone else
  - It is NOT open note
  - 25 Questions

Announcements

- Course pacing
  - Back half schedule modified to slow a few things down
  - More HWs in the second portion of the course
    - Harder and/or more intensive projects
  - Weeks 9 and 10 closer to the first 7 content wise

Announcements

- Course pacing
  - A couple TAs working on generating supplemental content and extra practice
  - There may also be additional practice sessions
  - You all are encouraged to attend TA office hours
    - The schedule and room (EN 4072) can be found in Modules > Week 02 > TA Office Hour Schedule

Announcements

- Lab Exam Canceled

- There will be lab next week, just a normal lab

Exam Review

Exam content

- Random questions shown each section
  - One question viewable at a time
  - Cannot go back to questions
- General knowledge
  - Things covered in lecture slides
- Parts of a program
  - Identify the different parts of a program
- Code analysis
  - Look at code snippets and be able to identify what is happening
- Truth Tables, Boolean Equations, Circuit diagrams

General Knowledge

- Understand basics in python
  - Types of values
  - Declarations
  - Mathematical operations
  - Logical comparisons
  - Declarations of different types

General Knowledge

- Understand basics in python
  - Accessing elements in a list
  - List index positions
  - List operations

General Knowledge

- Understand basics in python

    - If statement usage and evaluation
    - Looping
    - Utilizing variables

Parts of code

- Identify different aspects of a program
    - Code blocks
    - Function definitions
    - Function calls
    - Method calls

Code evaluation

- Understand how the code works
    - Be able to identify the output
    - Follow the logic of the code
    - Understand what the execution flow of a program will be

Code evaluation

- Understand how the code works
    - Know what parts of a program do
    - Understand how different parts of code work together
    - Difference between if/elif and if/if/else

Truth Tables

- Be able to fill out truth tables
- Understand what the different symbols mean
    - `xy` denotes and
    - `x+y` denotes or
    - `x'` is negation
- Recorded lecture is expanded from the one given in class

Boolean Expressions

- Translate boolean expressions to their code representation
- Know how to do proper nesting within the code

Circuit Diagram

- Be able to translate from a circuit diagram to a truth table
- Recognize all 2 input symbols given in the lecture and what their corresponding table is