

February 28, 2023 (Week 6)

Python part 1

Objectives:

- Installing and using python
- Input, output, and logical controls

Outline:

- Python
 - Overview, installation, and running
 - Basic syntax
 - Packages
 - Variables and data types
 - Input and output
 - Mathematical operations
 - Logical flow controls
 - Loops

Homework - due 8am March 2, 2023:

1. Write a python program that checks whether a number is odd or even
 - Prompt user to enter an integer
 - Print a statement whether the number is odd or even
2. Write a python program that checks which of two numbers is larger
 - Prompt user to enter two floating point numbers
 - Print a statement indicating which is larger or if they are equal
3. Write a python program that acts as a number guessing game
 - Generate a random integer between 0 and 10
 - Prompt user to guess integers until random number is guessed