

February 14, 2023 (Week 4)

C++ part 1

Objectives:

- Overview of object oriented programming
- C++ basics
- Input, output, and logical controls

Outline:

- Introduction to object-oriented programming
- C++
 - File types and compilation
 - Basic syntax
 - Including libraries and header files
 - Output messages
 - Variables and data types
 - Mathematical operations
 - Logical flow controls

Homework - due 8am February 16, 2023:

1. Write a C++ 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 C++ 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