

February 16, 2023 (Week 4)

C++ part 2

Objectives:

- Further develop C++ knowledge base

Outline:

- C++
 - Non-primitive types
 - Class methods
 - Casting data types
 - Mathematical functions
 - Strings
 - Arrays
 - Vectors
 - Loops
 - User arguments

Homework - due 8am February 16, 2023:

1. Write a C++ program that prints the square and square root of a list of numbers
 - Read in a list of floats as arguments to main()
 - Print the number of numbers given
 - Print the square and square root of each number
 - In case a number is negative, take the square root of its absolute value
2. Write a C++ 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