# Tutorial

CPSC 217

# List

- Concatenation
  – Joins two lists
  – Performed using the + operator

- Slicing
  – Extracts a portion of a list
  – Performed using : operator

  ListName [first : last]
  ListName [first : last : increment]

# 2D List

- All of the lists we have used so far have been one-dimensional

- We can add a second dimension by making each element in a list another list

- myList = []
  myList.append([1,2])
  myList.append([3,4])

# Task (Sorting)

- Write a function that takes inputs (floating point number) from user until a blank space provided in the input. Return a 1D list containing those numbers.

- Write a function that sorts all numbers in a given list. Use bubble-sort.

- Write the main function