Tutorial

CPSC 217

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])

Dictionary

- A collection of value
  - Each element in a list has an index (unique integer, starting from 0)
  - Dictionaries allow us to extend this idea (key and value pairs)
  - Each value in the dictionary has a unique identifier associated to it
  - Referred to as a key
  - Can be a string or a number
  - Items in the dictionary are unordered

String

- List of characters
    - str1 = "samiul"
    - print(str1[0])

Task

- Try exercise 6

My PPT slides

- You can find my created PPT slides at the following link:

https://sites.google.com/site/samicsemist/cpsc217win16