**Wayne State University**

**Uploaded: Jan 23, 2023**

**CSC 4110 - Software Engineering**

**“Asynch Assignment”**

**Directions:**

**Do all problems by the due date. Follow instructions explicitly.**

**Tasks**

**\*\*\*\* watch below video->**

[**https://www.youtube.com/watch?v=-xdLQVO1Lvs**](https://www.youtube.com/watch?v=-xdLQVO1Lvs)

**Directions:**

**Use video as guidance to do the following:**

1. **Create object**

Create the following objects: **String, List, Set, Tuple, Dictionary**

**Take Screenshots**

A screenshot of a computer code

Description automatically generated

1. **Use the TAB button to show methods for object**

**Take Screenshots**

Double clicking tab did not work on my machine, I followed the video exactly and attempted to double click on the tab, this did not do anything. I attempted to double click everywhere, this also did not do anything. However, the help(str) command did work!

A computer screen shot of a black screen

Description automatically generated

1. **Write a program that utilizes at least TWO METHODS per object-type.**

Eg. Create a program that checks to ensure at least one character in a string is a digit.

**Take Screenshots**

A screenshot of a computer

Description automatically generated

**Hint: be creative!! For example, in dealing with a list, have a user fill out bowling scores, and then graph them using Turtle.**

It is a nice suggestion to be creative, if you would like to see previous creativity in python that I have created when I was not under a time crunch, please see the following link:

1. Go to the following Link

<https://arcade.thumby.us/>

1. Select the micropython code editor
2. Click the arcade button

A computer screen with text on it

Description automatically generated

1. Scroll down to ‘Top Thumb’. Hover your mouse over the video to show options. select the ‘open’ button.  
     
   A screenshot of a computer

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2. Enjoy viewing the spaghetti code.