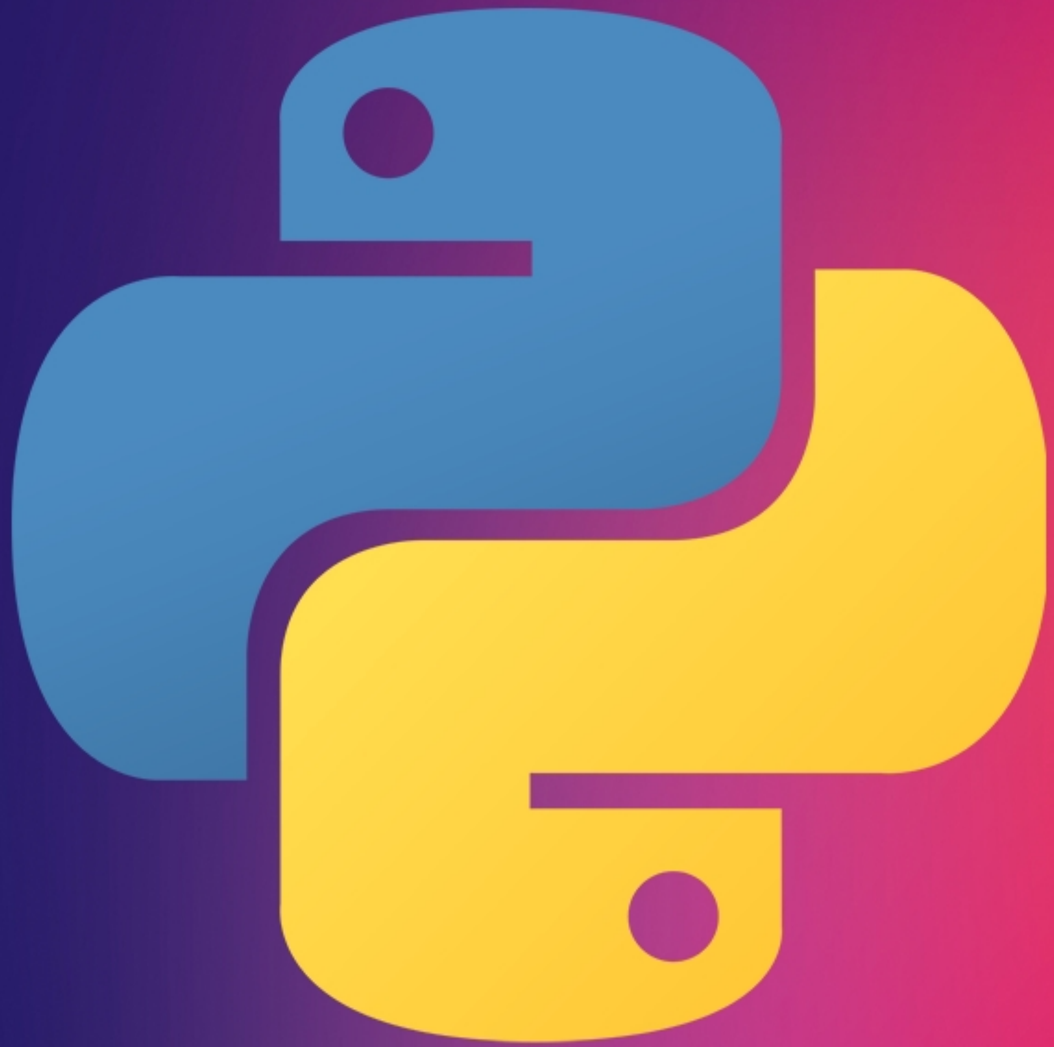
PYTHON

For Beginners

By Aman Guliani

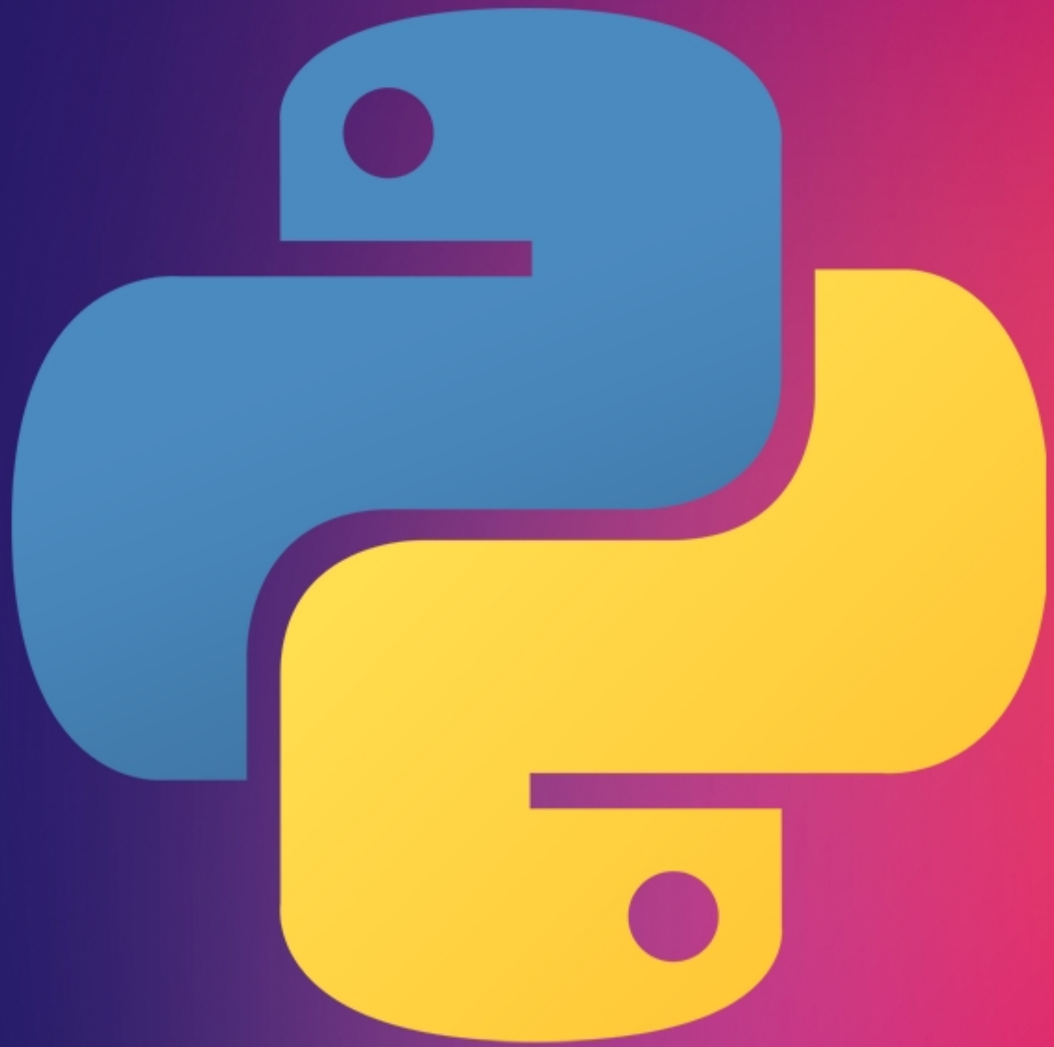


RECAP

- Last Time we learned
  - Functions
  - Class Problem

© Aman Guliani
https://amanguliani.com

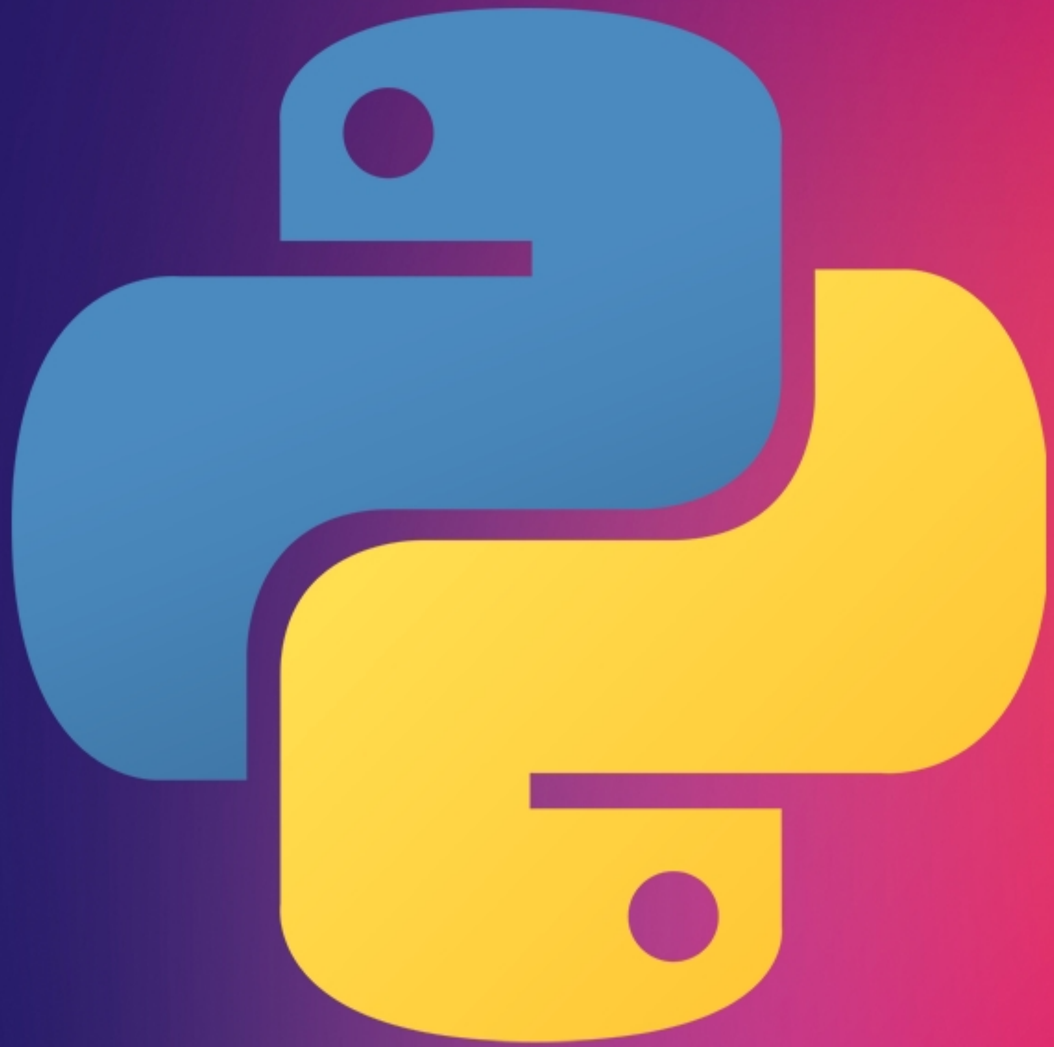
PROJECT



PROJECT

- Build Simple Scrabble to play with Simple Rules.
  - You are playing against computer.
  - Computer gives you 7 random alphabets 2 vowels and 5 constants.
  - Computer keeps track of words on the board and check if the word exist in dictionary
  - You have two options, make a new word or add to an existing word.
  - Every word is scored which is calculated as follows

    score = {"a": 1 , "b": 3 , "c": 3 , "d": 2, "e": 1 , "f": 4 , "g": 2 , "h": 4 ,"i": 1 , "j": 8 , "k": 5 , "l": 1 , "m": 3 , "n": 1 , "o": 1 , "p": 3 ,"q": 10, "r": 1 , "s": 1 , "t": 1 , "u": 1 , "v": 4 , "w": 4 , "x": 8 ,"y": 4 , "z": 10}
  - You win if you reach a score of 30.
  - You are given a dictionary against which you can check. (check https://repl.it/@AmandeepGuliani/scrabble)
  - Use repl.it or python on computer to build it.
  - Have 2 weeks.

© Aman Guliani
https://amanguliani.com

LAST HW DISCUSSION