

Fall 2021 Python Lesson 4.4

Dr. O'Brien Herbert Lehman High School 3 March 2022



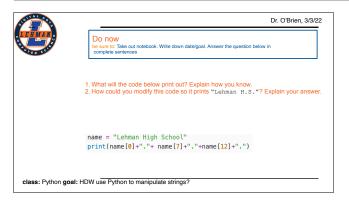
Dr. O'Brien, 3/3/22



raming

- what: use Python to manipulate strings.
- why: Python is really, really good at string manipulation, compared to other languages. Understanding how to manipulate strings lets us do a lot of cool stuff.
- where to: Using lists to solve computational problems.

class: Python goal: HDW use Python to manipulate strings?



- 1. It will print "L.H.S.". We know this because name[i] will print the ith letter, so "L", "H" and "S" separated by periods.
- 2. We can use slice name[i:j] will return all characters from index i up to but not including index j. So we should chance the first instance of name[] to name[0:6]. We could also write name[:6].



C. Begin work! Raise your hand quietly if you have any question:

- what: Effectively use control structures to automate computational processes.
- why: We learned about control structures in the tracy unit. Now we're applying them in a
 wider variety of contexts.
- . where to: Using lists to solve computational problems.

class: Python goal: HDW use Python to manipulate strings?

 Make sure students are working quietly. See CodeHS problem guides for specific Python activities.

Frequently asked questions:

- +I don't know what to do!?! Make sure to carefully read the instructions. Take notes when watching the video.
- +What are you trying to do with your program? answers will vary, direct student to assignment instructions.
- +how can I figure out why my code doesn't work? Try getting out a piece of paper, and following your commands yourself. What do you draw. Where do things go wrong?
- +What do I do if I forget a command? See the docs section of CodeHS.







Cell phone distro

be sure to: Carefully read the directions below

- a. Students will receive their phones at the end of 9th period and 10th period.
- b. Students without a phone may leave class immediately. All other students should remain seated. Once a student collects their phone, they should exit the classroom.
- c. Students must show their ID, program, or a notebook with their name on it to receive their phone.

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