

Fall 2021 Python Lesson 5.1

Dr. O'Brien Herbert Lehman High School 7 March 2022



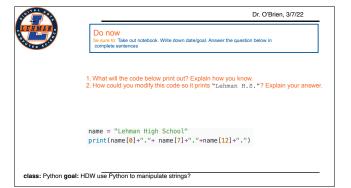
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- what: use Python to manipulate strings.
- why: Python is really, really good at string manipulation, compared to other languages. Understanding how to manipulate strings lets us do a lot of cool stuff.
- where to: Using lists to solve computational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



- A. Find your seat
- B. Read through the Weekly goals to the right and the framing below.
- C. Begin work! Raise your hand quietly if you have any questions

Complete up through unit 7

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- 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.



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vrapping up!

e to: read the directions below



- Make sure there isn't any litter near your workstation.
- If you borrowed headphones, sign them back in.
- Make sure you are logged out of your computer!
- Remain in your seat until the bell rings.

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



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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.

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