



Fall 2021 Python Lesson 2.1

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Herbert Lehman High School
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Do now

be sure to:

- Take a seat near the screen.
- Describe what will happen when the code to the right is run.
- How could the code be changed so that it prints out:

1
2
3
4
5

```
1 x = 1
2 while x > 0:
3     print(x)
4     x = x + 1
```

class: Python goal: HDW effectively use while loops to automate computational processes?

B. the code will print 1 and continue printing integers in sequence for ever. + Why is this an infinite loop? Because the continue $x > 0$ will always be true.

C. Change the continue to something like $x < 6$. This will be false and stop printing when $x == 6$.



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Work day

be sure to:

- Find your seat
- Read through the Weekly goals to the right.
- Begin work! Raise your hand quietly if you have any questions

Weekly Goal:
A. Complete up through unit 6
B. Work on unit 7



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- Make sure students are working quietly. See 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 make tracy do?


+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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wrapping up!
be sure to: read the directions below!



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

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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.

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