

As you walk in

- 1) Introduce your self to people around you
- 2) Log into piazza.com



www.cs.cmu.edu/~112/gallery.html

CMU 15-112, Fall 2022

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Term Project Gallery

spring-22



15-112
SPRING22

Term Project Lightning Round Video



15-112
Lecture 2

Week 1
Getting Started

Instructor: Pat Virtue

Getting Started with 15-112

[Practice] Poll 1

Are you new to CMU?

Course Team

<https://www.cs.cmu.edu/~112/staff.html>

Instructors



Mike Taylor
mdtaylor
Lecture 1,2



Pat Virtue
pvirtue
Lecture 1,2



David Kosbie
koz
Lecture 3

Head Teaching Assistants



Allison
ahunter2
Lecture 1,2



Kaitlynn
kecooper
Lecture 1,2



Joyce
btruong
Lecture 1,2



Lauren
Isands
Lecture 3



Deniz
mbirlikc
Lecture 3



Liv
oduvanic
Lecture 3

Teaching Assistants



Ace
aengel



Adhvik
akanagal



Alice
alicehon



Andrew
ayoun2



Angus
ayiu



Anna
annalee



Arohee
abhoja



Ben
hnguyent

Teaching Assistants



Ben
bowad



Bonnie
bmguo



Brontosaurus



Christina
ctavlara



Connor
cjtsui



Cynthia
cmeah



Dane
dengman



Emily
esands

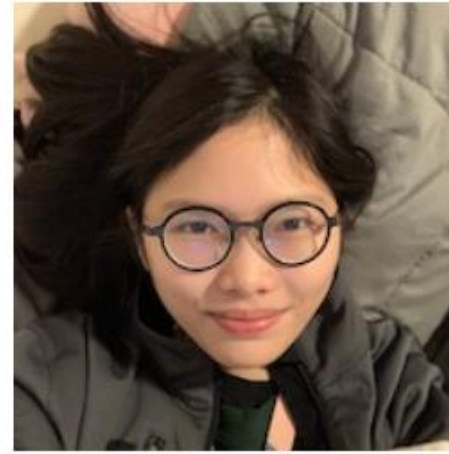
Teaching Assistants



Ethan
ethankwo



Evan
evanz



Fa
pphanach



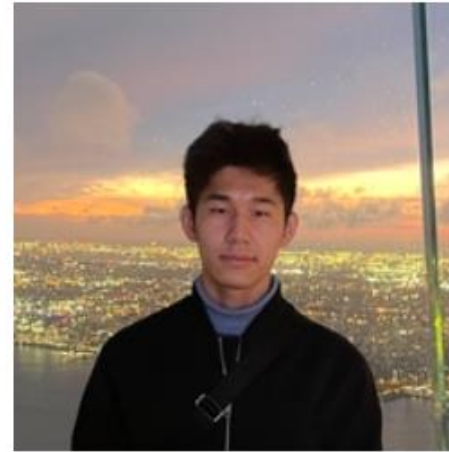
Hao
haok



Hong
hongsnng



Joe
jritze

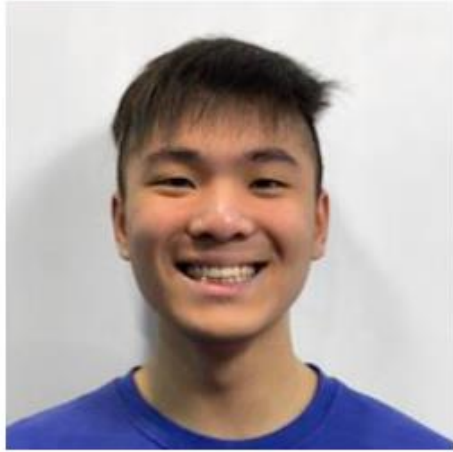


Josh
dingchar

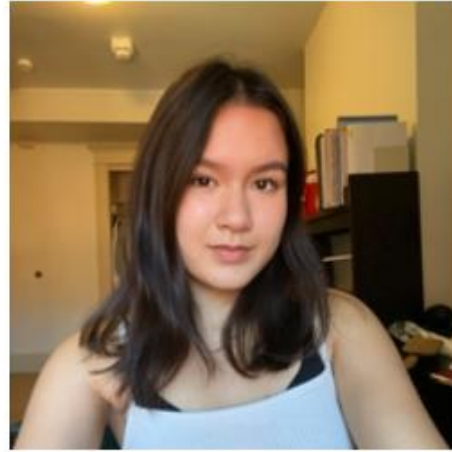


Josiah
jmiggian

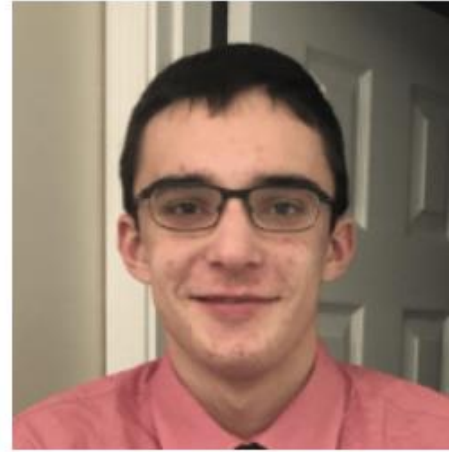
Teaching Assistants



Kyle
kylechen



Lauren
lschmutz



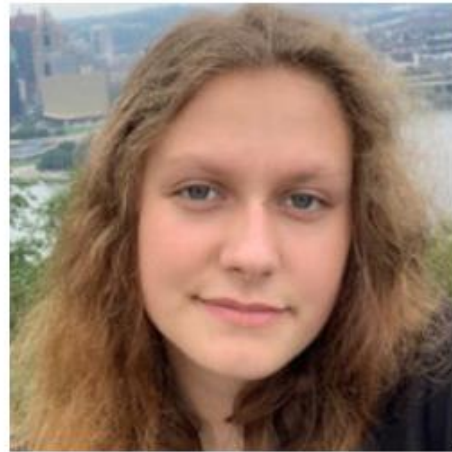
Liam
ljhower



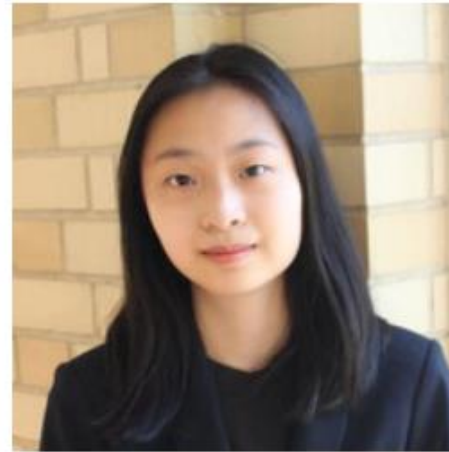
Lily
lyma



Lynn
lckim



Maddie
mrburrou



Melinda
melindac



Nancy
nlanders

Teaching Assistants



Prina
phdoshi



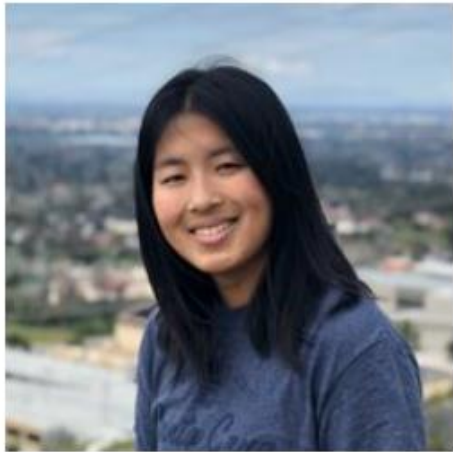
Rachel
rratnam



Riley
rkrzywda



Samuel
samuelch



Sarah
sjwang2



Segi
sodongo



Shaheer
saslam



Shalini
spanthan

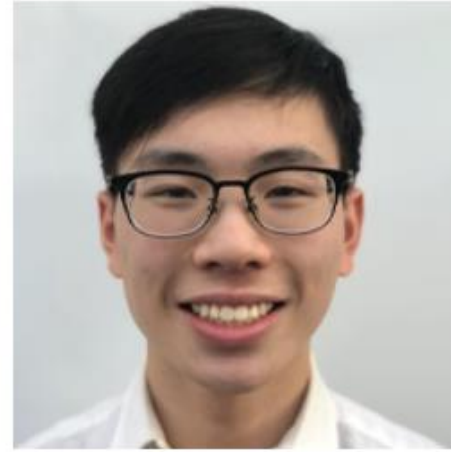
Teaching Assistants



Shruti
shrutisr



Stegosaurus



Steven
stevenz2



Sunny
feiyangg



Theo
tkroenin



Tiger
rhuo



T-rex



Vania
vhalim

Teaching Assistants



Wen Hui
wleng



Will
wtong



Winston
wzha



Zahra
nzahmad

Course Team

Course administrative assistant

Marcie!

Course Team

Students!

[Practice] Poll 2

What college are you in?

A) BXA

B) CFA

C) CIT

D) DC

E) MCS

F) SCS

G) TSB

H) Other

[Practice] Poll 2 Take 2

What college is a person sitting next to you in?

- A) BXA
- B) CFA
- C) CIT
- D) DC
- E) MCS
- F) SCS
- G) TSB
- H) Other

Course Team

Students!



Course Information

Website: <https://www.cs.cmu.edu/~112>



Communication: <https://piazza.com>



If piazza doesn't work:

E-mail: pvirtue@andrew.cmu.edu

Announcements

Recitation

Wednesday

- Required
- Attend your assigned section

Friday

- Time reserved to work on **Pre-reading** and associated **Checkpoint**
- (Fix-it Fridays, but not in week 1)
- GHC 5th Floor Clusters

Announcements

Assignments:

<https://www.cs.cmu.edu/~112/schedule.html>

112 student contract

- Due Tomorrow 8/31, 11:59 pm

Week 2 Pre-reading Checkpoint

- Due Fri 9/2, 8 pm

HW1

- Released later today
- Due Saturday 9/3, 8 pm

Quizzes / Homeworks / Practice

[112-student-contract](#) (due Wed 31-Aug, 11:59pm)

hw1 (due Sat 3-Sep at 8pm)

[extra-practice1](#) (due never)

pre-reading2 (due Fri 2-Sep at 8pm)

Class Notes: Loops

1. for loops and range [Pre-reading]
2. nested for loops [Pre-reading]
3. while loops [Pre-reading]
4. break and continue
5. isPrime
6. nthPrime

112 Weekly Rhythm

Subject to (and will) change

Week	Dates	Event / Topics	Quizzes / Homeworks / Practice
Week #1	Mon 29-Aug to Fri 2-Sep	Getting Started Getting Started with VSCode Data Types and Operations Variables and Functions Conditionals	112-student-contract (due Wed 31-Aug, 11:59pm) hw1 (due Sat 3-Sep at 8pm) extra-practice1 (due never) pre-reading2 (due Fri 2-Sep at 8pm)
Week #2	Mon 5-Sep to Fri 9-Sep	Loops Style Debugging Code Tracing	quiz1 (on Tue 6-Sep) hw2 (due Sat 10-Sep at 8pm) extra-practice2 (due never) pre-reading3 (due Fri 9-Sep at 8pm)
Week #3	Mon 12-Sep to Fri 16-Sep	Mon 12-Sept: Semester Course Add Deadline Strings Graphics (Tkinter) Fri 16-Sep: Deadline to transfer to 15-110	quiz2 (on Tue 13-Sep) hw3 (due Sat 17-Sep at 8pm) extra-practice3 (due never) pre-reading4 (due Fri 16-Sep at 8pm)

Use 112 resources wisely!

Lecture Logistics

Masks

Polls

Notes

- Course notes
- (Slides)
- Taking notes

Devices

Getting Started with Python

Hello World!

Classic start to new tech

```
print("Hello World!")
```

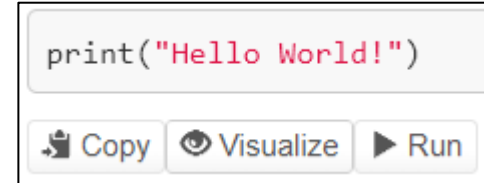
But where can we run this?



Running Python

112 Website → Schedule → links to notes

- Brython
- Pythontutor



```
print("Hello World!")
```

Copy Visualize Run

Terminal (a.k.a. command line) → python → Python interpreter

- Caution: could end up using a different python version than intended

(Code) Editor myFile.py → Terminal: python myFile.py

IDE (Integrated development environment)

- Editor connected with terminal/interpreter
- VS Code → open/create myFile.py myFile.py → ctrl+b or cmd+b

Language

[Practice] Poll 3

Which is the best choice?

- A) Letss eat Grandma
- B) Letss eat, Grandma
- C) Lets eat Grandma
- D) Lets eat, Grandma
- E) Let's eat Grandma
- F) Let's eat, Grandma