



CS 1112: Introduction To Programming

Python Turtles (III)

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Friendly Reminders

- Your **safety** and **comfort** is important!
 - If you choose to wear a mask you are welcome to do so
 - *We will interpret wearing a mask as being considerate and caring of others in the classroom (not that you are sick), and realize that some may choose to mask to remain distanced*
- Remember to always be **kind, respectful, supportive, compassionate** and **mindful of others!** 😊
- Be an **active** participant in your learning!
You're welcome and **encouraged** to ask questions during class!
- If you feel **unwell**, or think you are, **please stay home**
 - *Contact us! We will work with you!*
 - Get some rest 😊
 - View the recorded lectures – *please allow 24-48 hours to post*



Announcements

- **Quiz 1**

- *Grading is done! You all did very well 😊*

- Median: 11

- Mean: 10.8

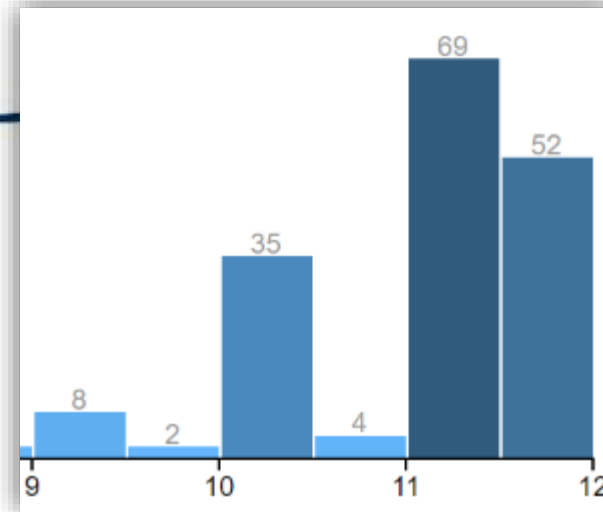
- St. Dev. 1.14

- Stop by my office if you'd like to talk about the quiz

- **Quiz 2** – out this afternoon (**due by 11:00pm on Monday**)

- **Programming Assignment 01 (PA01)** has been released

- It is **due by 11:00pm on Wednesday**



TA Office Hours

- *Check out the **Office Hour Calendar** to know when TAs are holding their Office Hours*
(Linked on our Canvas page)
- In-person in **Thornton Stacks** (Thornton A, 2nd floor)
- Join the **queue** using the **link** on the left navigation bar of Canvas
 - “**TA Office Hour Queue Tool**”

Reminder: If attending Professor Office Hours – there is no need to use the Office Hour Queue Tool!

TA Office Hour Queue Tool

1. Click on “**TA Office Hour Queue Tool**” link on Canvas. You will be logged in via your UVa NetBadge credentials
2. Select your **course (CS 1112)** (*if you see other courses listed there, be sure you don't click there!*)

Please select your course below.

Select a course



Select Course

Reminder: Even though TA Office Hours are in-person, you must first join the electronic (online) queue!

TA Office Hour Queue Tool


3. Fill in the **details** before joining the queue
- We strive to find ways to make the office hour experience better. To help, kindly fill out a short survey after each of your office hour sessions with a TA, by clicking on the “Complete Survey” button.

Thanks for helping us improve office hours!

Subject

Enter subject here

Description

Enter your issue here  *Please be as descriptive as possible!*

Please explain your issue in a few sentences before joining the queue.

Location


Enter location here

Where can the TA find you?

☒ I would like to be placed in a group (this might decrease your wait time)

Join queue

Forgot to fill out the survey from last time? Click here to go back and fill it out!

 [Complete Survey](#)

Don't be shy to ask for additional directions if you are not sure how to find Thornton Stacks!

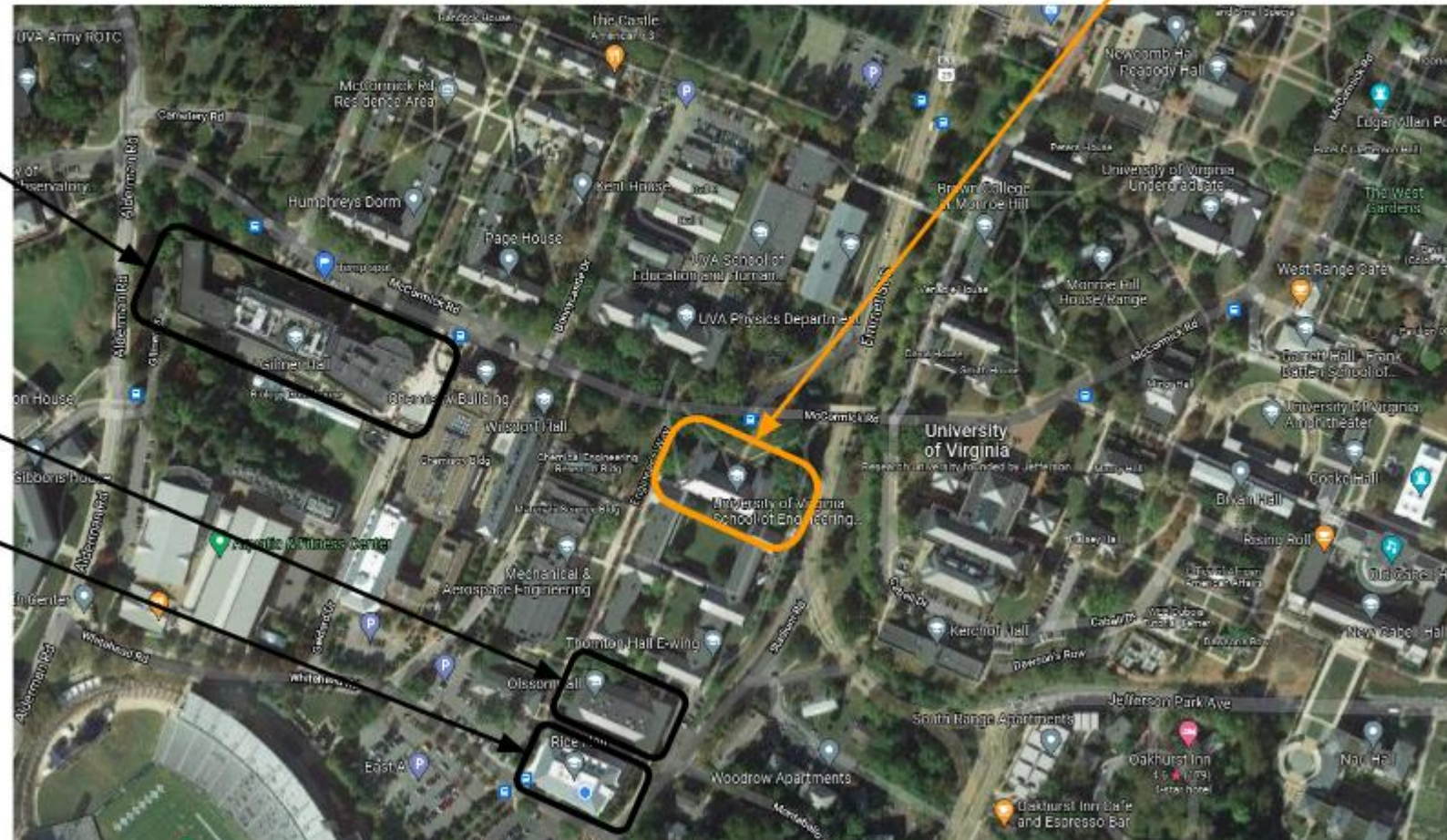
TA Office Hours: Thornton Stacks (e.g., Ask on Piazza or ask in class)

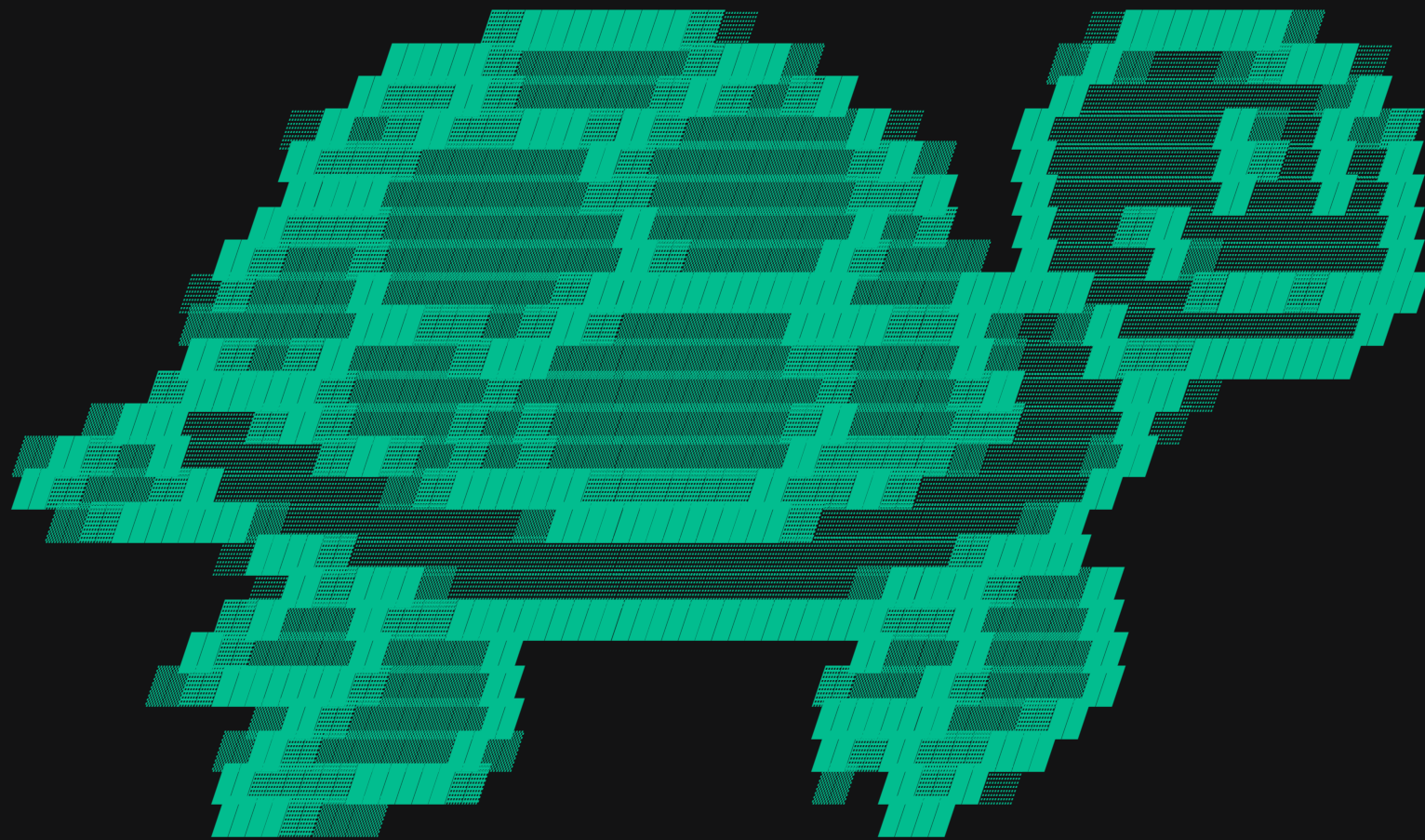
Gilmer Hall

Olsson Hall

Rice Hall

Thornton A





TODAY's Agenda:

- Review of Turtles
- Turtle Race!
- Review of Previous Topics / Q&A
- Work on HW

Python files

- `more_turtle_functions.py`

- **Objective:** Practice reading code

1. **Pair up** (try to find somebody you haven't spoken to before)
2. **Review** the code together
3. **Explain** the code to one another and **predict** what the output is BEFORE running the code
4. **Run** the code to confirm
5. If your predictions didn't **match** what you observed, try to figure out why or ask a TA

- `turtle_race.py`

- **A bit of fun:** Who's going to *win*? 😊

- `turtle_polygons_with_method.py`

- **Objective:** Practice reading code, observe the use of a `function` in this code



PYTHON DEMONSTRATION

Let's jump on PyCharm!

Let's Use the Remainder of the Time for Review and Q&A

- Let's look back at what we've learned so far...
- How might you quantify the amount you have learned since the first day of class?
- What topic was the hardest to grasp so far?
- Let's review topics and open Q&A
- Also, we can leave some time at the end for you to work on the **Turtle Drawing homework**

Reminder: CS Laptop Loaner Program

- This course requires students to have a **laptop**
- I realize that not everybody might have one (nor necessarily need one for their desired major / path...)
- If you do not have a laptop for any reason... *not to worry!*
- The CS department's Systems staff has a notebook / laptop loaner program and will be able to loan you a notebook / laptop computer for the duration of the semester if you don't have one or if you cannot afford one.
 - Also available if your laptop is broken and under repair, we can arrange for you to receive a loaner laptop for a week or two until your own laptop is fixed

Interested? Link: https://www.cs.virginia.edu/wiki/doku.php?id=cs_laptop_loaner

I am happy to be your sponsor. Please let me know.

Reminder: Tools: Piazza

- We will use **Piazza** in the following way:
 - Website: <https://piazza.com/> [Linked through **Canvas**]
 - Piazza is a great tool for asking questions about **course content**, **policies**, or getting help on **homework** assignments
 - While you are waiting for an answer, see if there's an answer you can provide to someone else's question. We're all in this together! **CS is a team sport!** 😊
 - TAs will monitor and answer questions throughout the semester
 - Not a means to help you debug your code! (See more below)

It is very important to remember the following:

- **Do not post complete or partial code solutions (for Homework)** on Piazza when seeking answers to your question unless it is in a **PRIVATE** post
- **Do not post complete or partial quiz solutions (code or short-answer)** when seeking answers to your question unless it is in a **PRIVATE** post

Reminder: Tools: Gradescope

- We will use **Gradescope** in the following way:
 - Website: <https://www.gradescope.com/>
 - Linked through **Canvas**
 - **Homework assignments** will be **submitted**
 - Most programming assignments are autograded (some are manually graded)
 - Some aspects of programming assignments may be manually graded