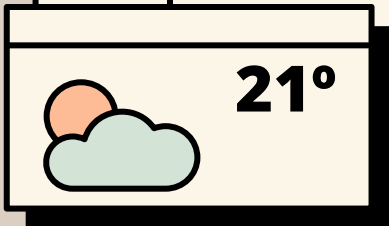
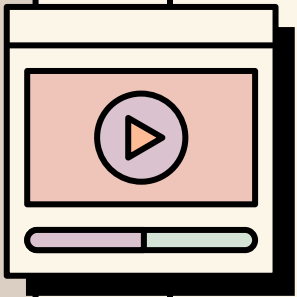


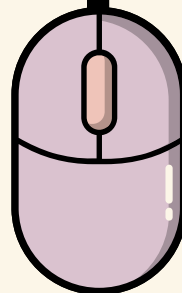
# GWC-CU Intermediate Python



>>>>>

Lecture 5 | Fall 2023

~~~~~  
.....





# Agenda



**01**

## Let's catch up!

Week 4 reviewing

**02**

## Lecture

The magic world of APIs  
+ College AMA

**03**

## Project time!

Yelp API + Google Maps API

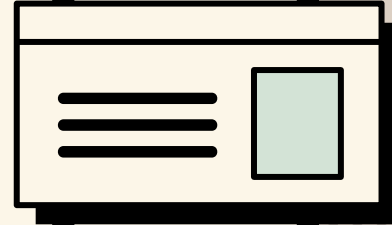
**04**

## Wrap up

Meetings + Campus Tour

# Classroom Agreements....

- Don't be afraid to ask questions/for help!
- Be considerate of everyone else!
- Be respectful and supportive of your classmates to ensure class is a safe learning environment!



01

.....

>>>>



# Week 4 Review



Let's see what we need to explain better :)



slido



## What are some common HTML elements?

① Click **Present with Slido** or install our [Chrome extension](#) to activate this poll while presenting.

slido



# Which response status indicates a success?

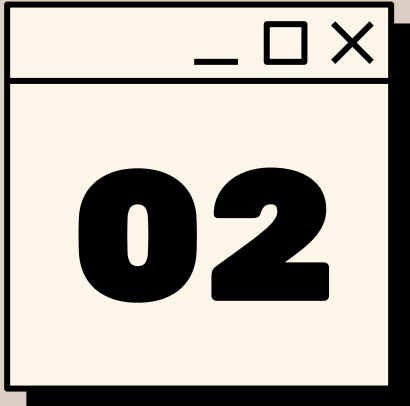
① Click **Present with Slido** or install our [Chrome extension](#) to activate this poll while presenting.

slido



Which of the following regular expressions in Python would match a string containing only uppercase letters, possibly followed by a single digit?

① Click **Present with Slido** or install our [Chrome extension](#) to activate this poll while presenting.



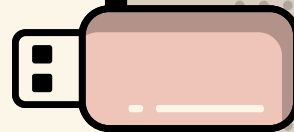
02

.....

>>>>



# Lecture



- 1 - The magic world of APIs
- 2 - College AMA





# Today's Topics



**What is an  
API?**

**Create an  
API key**

**Read API  
docs**

**JSON**

**Query an  
API**

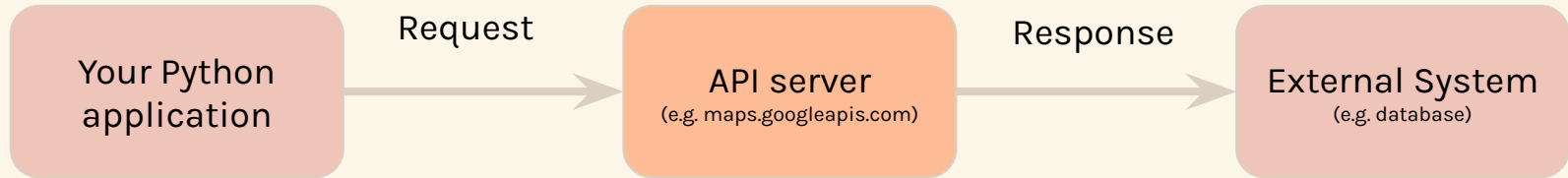
**College  
AMA**



# Workshop with the teachers!

- Feel free to ask any questions in the chat at any time!
- These resources will be shared with you at the end of the session
- **Reminder: NO QUESTION IS STUPID**
  - If you are unsure about a concept, you're not alone.
  - You are here to learn and we are here to maximize your learnings :)

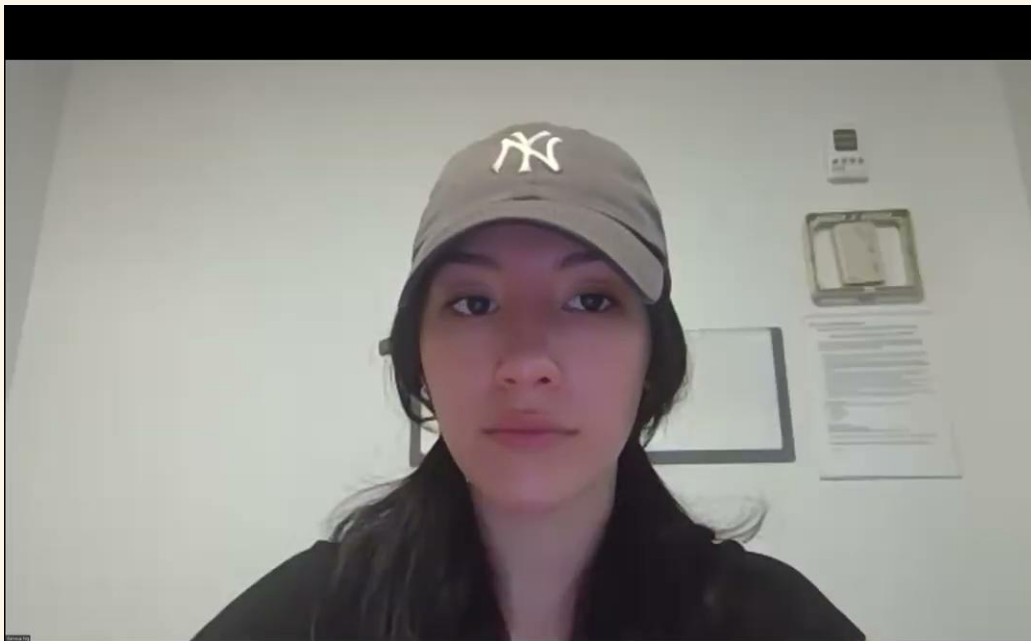
# Simplified API role





# College AMA

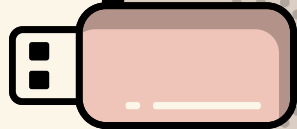
Answers from Geneva who couldn't be with us today



03

# Project Time!

Searching places with Maps API (specifically Places API)





# Today's Exercises



**Create an  
API key**



**Read the doc  
on this page**

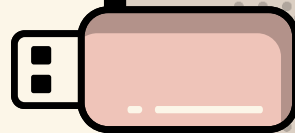


**Define  
parameters  
for your  
search**

04

.....

>>>>



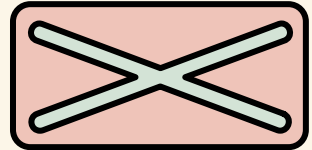
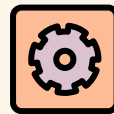
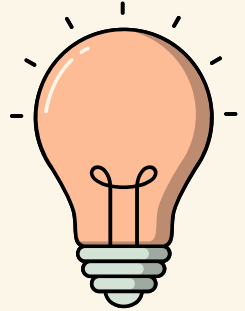
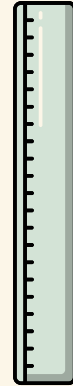
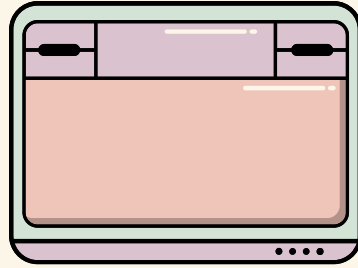
# Wrap Up

APIs + Season finale



# Wrapping Up...

- We explored our first **API** today!
  - The basics of an API
  - How to familiarize with a specific API
  - JSON
  - Yelp API
- Now it's **your turn to build products and analyses** based on what we learned!







# Questions?

>>>>

~~~~~  
.....

# Exit Ticket!

- Please complete before you leave
- Completely anonymous!

.....

>>>>>

