Math 211

1/28/2025

Agenda

1. Quiz
2. Announcements
3. Annotating your Python Reference
4. From ideas to code goals
    a. Use different Table functions to access any cell(s), row, or column in a table
    b. Understand/identify data types of outputs
5. Maybe Lab and Homework time

Amapola's Hours Added to Our Canvas Homepage

Course Meeting Details Location: Bldg 8, Rm 8-304 Tuesday: 12:35 PM - 1:50 PM (Lecture) Tuesday: 2:00 PM – 3:15 PM (Lab) Thursday: 12:35 PM - 1:50 PM (Lecture) Thursday: 2:00 PM – 3:15 PM (Lab)	**Professors:** Bryan Swartout (swartoutb@smccd.edu) Denise Hum (humd@smccd.edu) **Office Hours:** 11:30 AM – 12:30 PM - Denise on Tuesdays - Bryan on Thursdays in Room 7-324, the Math Study Area
Ask Amapola Questions & Get Help - Tuesdays & Thursdays 3:30 - 5 pm in the STEM Center, Bldg 7, 3rd Floor - Tuesdays & Thursdays 9:30 - 10:30 am in the Learning Center, Bldg 5, 1st Floor	

Science in Action – today at 4:30 pm on Zoom

http://bit.ly/SiA

Unknown Friends & Family

Please identify your friends & family members (from the class survey) so that you can earn credit.

https://docs.google.com/spreadsheets/d/1LC8djW-hGUOEz0beUkeANamEqvtCg0F0KK6UxfKOJ8k/edit?usp=sharing

Get out your Python References

Let’s annotate it

`tbl.labels`	6	Lists the column labels in a table	None	**array**: the names of each column (as strings) in the table
`tbl.select(col1, col2, ...)`	6	Create a copy of a table with only some of the columns. Each column is the column name or index.	**string** *or* **int**: column name(s) or index(es)	**Table** with the selected columns

This is *not* a coding class

We are using coding as a *tool* to analyze data

Let's get into groups and start thinking and discussing

So far we have learned about the Table functions `take`, `select`, `column` and how items in an Array are indexed. Our goal is to put these ideas and functions together to find out values in any cell, row, or column of data in our datasets.

With your groups, discuss and write your ideas on the whiteboard

1. What are some differences between the `select` and `column` functions?