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Office: Pierce 211

Pair-Programming 12
SQLite in Python, Pandas, SQL

Issued:	November 18, 2022
Due:	December 2, 2022 11:59pm

Deliverables:

1. `lecture22.ipynb`
2. `lecture22.sqlite`
3. `lecture23.ipynb`
4. `lecture23.sqlite`
5. `lecture23_pandas.sqlite`

You may commit other files such as `candidates.txt` or `contributors.txt` but these files will not be considered for the exercise completion grade.

In this pair-programming session you will finish the in-class exercises of lecture 22 and 23. You can find the exercise handouts in the lecture code directories `lecture22` and `lecture23` at `https://code.harvard.edu/CS107/main/tree/master/lecture/code`.

Please follow the lecture slides for further instructions (repeated at the beginning of the exercise handouts). You must attend your designated lab section for attendance credit if you did not register in the early completion list communicated in the slides of lecture 23. Your supervising TF will take attendance as usual in this case.

You are encouraged to work on the exercises in groups of 3 to 4 students via a `tmate` session. Your team members can submit the same file in this case. Please indicate your names in a header in the files. Given the Thanksgiving holiday, you may also work on these exercises independently over the holiday if you prefer.

Please see the tutorials on the class website for an example pair-programming workflow.[1] Do not forget to commit and push your work when you are done. Ensure that you are on your *default branch* for this and not, possibly, on your homework branch.

Please see `solution/lecture22.ipynb` and `solution/lecture23.ipynb` for the solution notebooks. Additional SQL dumps are provided for the individual databases.

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[1] `https://harvard-iacs.github.io/2022-CS107/pages/tutorials.html#tutorial-pp`