Final Projects Part 3

CNRI Fall 2021

Main Objectives Today

- Collect responses and organize data frame
    - Figure out what data you need to collect for each trial
    - Organize information into dataframe using pandas
    - Write to dataframe after each trial

- Continue working on control flow and stimulus embedding

```python
import pandas as pd


columns = ['participant_id', 'run', 'trial_number', 'any conditions', 'any choices','any
reaction times']

task_data = pd.DataFrame(columns=columns) # empty data frame we will fill over the course
of the trials

For x in range(num_trials):
    …
    …
    …

    task_data.loc[x] = [participant, run_no, x + 1, ...] # note the contents of
this
    list are variables that you are setting throughout your study!

task_data.to_csv(data_path + '{}_{}_{}_study.csv'.format(participant, run_no, date))
```

Pandas dataframe structuring