CONVERTING TIME FORMATS
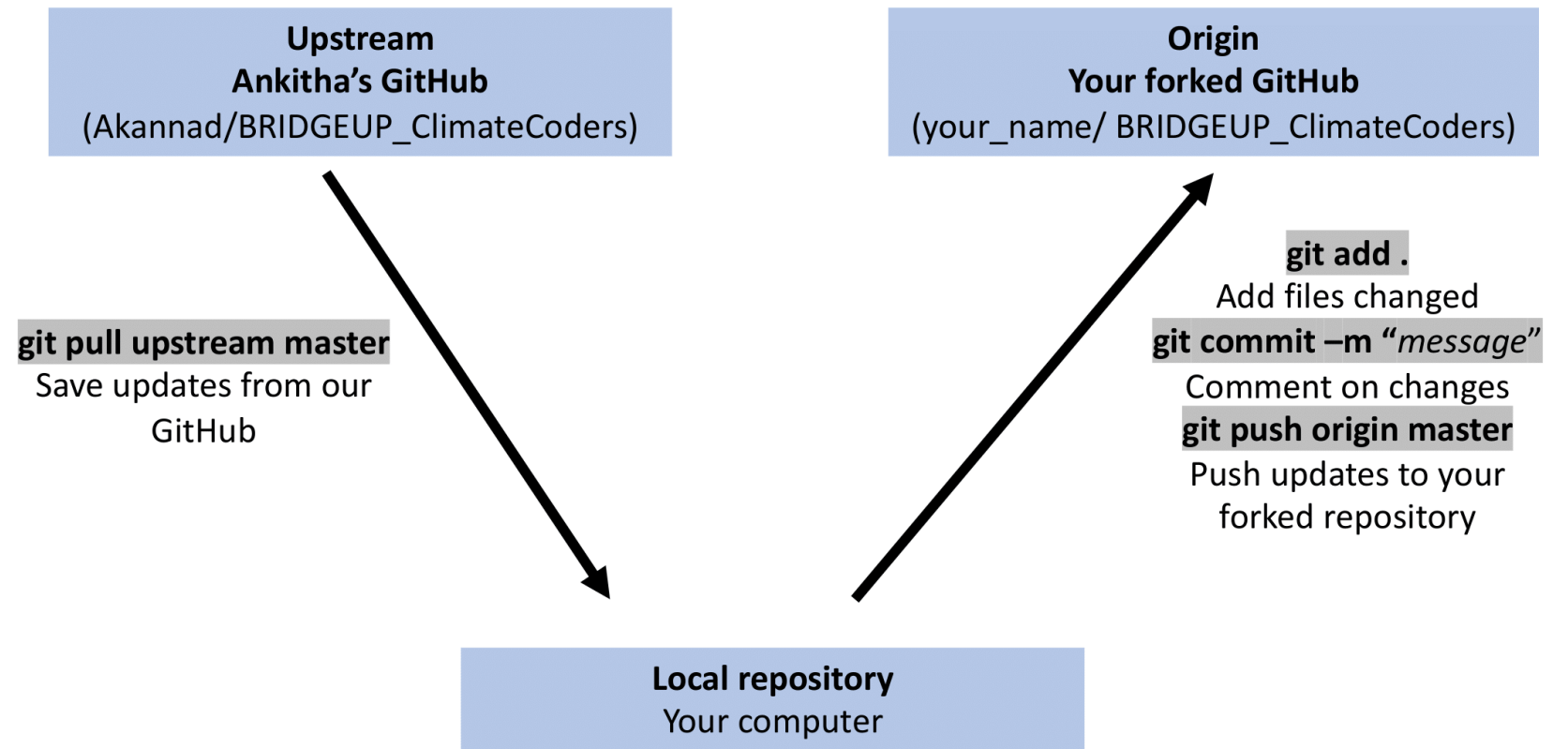
UNIT 3: RECONSTRUCTING CORAL CORE DATA

MARCH 24TH 2020

HOUSEKEEPING

- Moving to regular session times?

- Personal check-in

Upstream
Ankitha's GitHub
(Akannad/BRIDGEUP_ClimateCoders)

Origin
Your forked GitHub
(your_name/ BRIDGEUP_ClimateCoders)

git pull upstream master
Save updates from our GitHub

git add .
Add files changed
git commit –m "*message*"
Comment on changes
git push origin master
Push updates to your forked repository

Local repository
Your computer

PLAN FOR TODAY

- ❑ Convert time column to a readable format

- ❑ Update lab notes

- ❑ Exit survey

CODING CHALLENGE

Dates are stored in a digital time format

For example

$1880.5 = 1880 + \frac{1}{2}$ of a year = 06/1880 or June 1880

Goal: Convert your date column into two separate columns of year and month

BREAK-OUT ROOMS

- Come up with a mathematical formula to find the month corresponding to the date 1880.5

In your lab notes,

- Write some pseudocode to find the year and month corresponding to this date

FORMULA FOR TIME CONVERSION

TAKE A BREAK.

STRETCH, DANCE, RELAX!

BREAKOUT ROOMS

In your lab-notes,

- Write some pseudo-code to apply this formula to NumPy arrays

  Hint: look at the 191119 folder for a refresher on doing operations with NumPy arrays

BREAKOUT ROOMS

In your lab-notes,

- What do we need to replace in your pseudocode for your script to work for Pandas dataframes?

UPDATE LAB NOTES

EXIT SURVEY