**Lesson 10**

**Links:**

BART API: <https://api.bart.gov/docs/overview/examples.aspx>

Holidays API: <https://api.bart.gov/api/sched.aspx?cmd=holiday&key=MW9S-E7SL-26DU-VV8V&json=y>

Pair Programming Assignment 1: [BART Helper](https://github.com/sh35/Beyond-the-GUI/blob/master/Pair%20Programming%20Assignments/PPA%201%20BART%20Helper.pdf)

(5 min)

Logistics

* Assignments
  + When submitting, please submit a screenshot of the request / response in simulator

(10 min)

Student Share Out

* One or two demos of BART Helper w/ extension (dates)
  + What was most challenging?
  + How did you overcome it / figure it out?
  + Any tips for others?
  + What did you notice about the output?
  + How useful is it, in its current form?

(30 min)

Pair Programming in Breakout Groups

* Make the **GetHolidaysIntent** output more useful
* Shouldn’t give you holidays from the past
* Add 1-2 more intents leveraging other BART APIs

(15 min)

Student Share Out

* What intent(s) did you add?
* Where did you get stuck and how did you overcome it?
* How did you design the interaction? Reasoning?

(5 min)

Wrap Up

* This is going to turn into Project 1
* You will have to create more intents w/ custom slots

(if time)

Think about error handling — what do you do when the API doesn’t respond properly / as expected?