Lesson 11

(5 min)
Logistics
- Project BART Helper is out!
  - o The assignment itself is 50 points, and programming projects are 35% of your total grade, so take it seriously
  - o Don't hesitate to reach out if you're stuck on something
  - o Start early!

(10 min)
Discussion
- Sessions
  - o What are they?
    - ▪ Way to persist information for a period of time (throughout an interaction)
  - o Uses —
    - ▪ To allow users to provide information over multiple requests, so they are not overwhelmed at once
    - ▪ **But also,** to make the skills more conversational!
      - So that Alexa remembers things stated in the past
      - Remember crawl, walk, run analogy — this can help us run

(10-15 min)
Code demo
- Sessions Skill (can be found in Github repo)
- Notice onIntent passes you a session object
- Which we can then pass to the specific intent method
- Use of HashMaps — to store slots and to store session attributes
- Walk through both intents — what is my fav color, and my fav color is
- Where is session instantiated / created?
  - o Outside of our code
  - o Show what a Session object comprises
  - o Show what you can do with a Session object
- Show request / response in simulator
  - o How to trigger a new session — hit Reset

(30 min)
Pair Programming
- Configure Sessions through Developer Console
- Create Sessions Lambda function
- Create one new Custom Slot (like colors)

- And use Session Attributes to store one more "preference"

(5 min)
Wrap Up