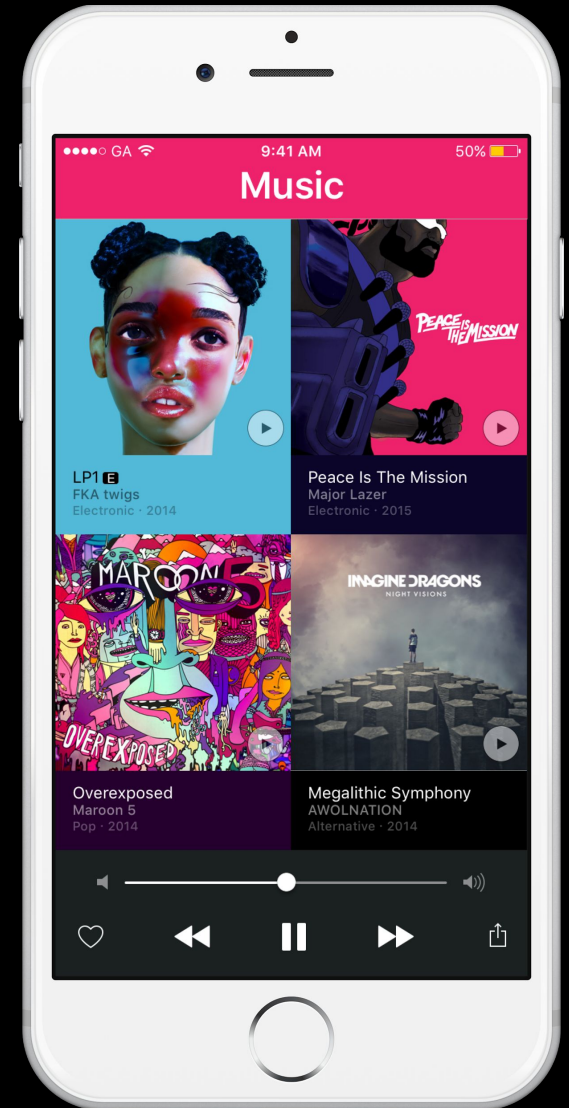


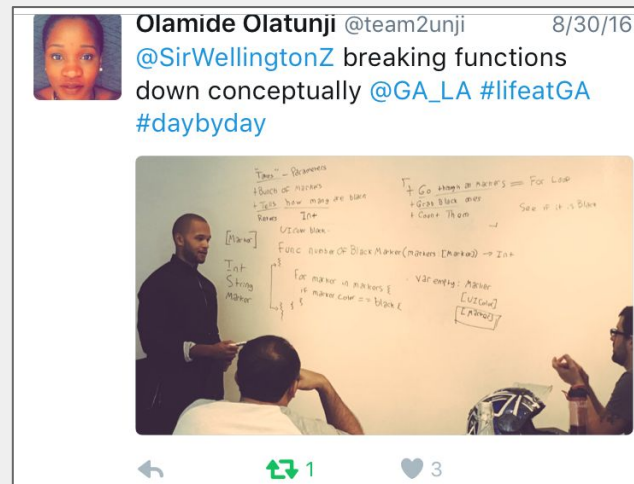
FOUNDATION CLASSES

Wellington Moreno

Lead iOS Instructor, General Assembly



UI ELEMENTS



LESSON

**WHAT UI ELEMENTS DO
YOU SPOT?**

LESSON

LEARNING OBJECTIVES

- + **Load** a Resource from a Bundle
- + **Read** files line-by-line
- + **Handle** Dates
- + **Print** Dates in a human-readable format

LESSON

WHO CARES?

ACTIVITY: STOP-AND-JOT



2 mins

DIRECTIONS

Write down a list of all of the UI Elements that you spot in the Screenshots.

DELIVERABLE

Write your answers down

DATES

LESSON

IT'S EPOCH TIME!

Epoch is a common way to represent time in Computer Systems. It represents **the number of seconds that have elapsed since January 1st 1970.**

LESSON

IT'S EPOCH TIME!

1473926008

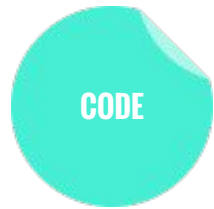
LESSON

IT'S EPOCH TIME!

<http://www.epochconverter.com/>

OPEN THE STARTER CODE

DIRECTIONS



5 mins

Open the starter code

DEMO

LET'S STUDY THE CODE

PRACTICE: TABLE VIEWS



10 mins

DIRECTIONS

Update the ViewController to display the numbers instead of the Dates

NOTES

PRACTICE: TABLE VIEWS



15 mins

DIRECTIONS

- + Add the files in the poems folder to the app.
- + Load each poem into a String and print it

NOTES

PRACTICE: TABLE VIEWS



CODE

15 mins

DIRECTIONS

- + Create a single String that combines all of the poems into one.
- + Set the TextView's text to the combined poem String

NOTES

PRACTICE: TABLE VIEWS



CODE

5 mins

DIRECTIONS

- + Write a function that takes a Date and returns a String representation of it in long-form
- + Call this function with the current date

NOTES

LESSON

**WHAT WERE YOUR KEY
TAKEAWAYS?**

ACTIVITY: WRITE-PAIR-SHARE



5 mins

DIRECTIONS

- + Write down what your main takeaway from this lesson is (1 min)
- + Pair up with your nearest neighbor and discuss (2 min)
- + Discuss as a class (3 min)

DELIVERABLE

Write your answers down

LESSON

Q&A

LESSON

EXIT TICKET

DON'T FORGET TO FILL OUT YOUR EXIT TICKET

THANKS!

WELLINGTON MORENO

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- + Twitter: **@SirWellingtonZ**
- + Email: **wellington.moreno@ga.co**

FOR INSTRUCTOR PURPOSES ONLY

MATERIALS

- + [Lab](#)
- + [Lesson Plan](#)
- + Lesson Starter Code