4/09/18

UCF Full Stack Coding Bootcamp

Week 4 Train Time exercise

Steps to implement:

HTML Head references

Viewport

Reset css

Bootstrap

Style.css

Javascript library link

Firebase link

Jquery link (at bottom of fie)

HTML body

Initialize Firebase;

Crib NYTimes grid set-up

Function to extract current time

Function to convert hh:mm:ss to day-seconds (military time?)

Function to calculate difference in times (allow for diff days)

Function to convert day-seconds to hh:mm:ss

\*-- bonus --Function to go initiate signal on one minute intervals

Function to convert train info to database format & add

\*.. bonus function---sort train list (on one minute intervals)

Function to add a train to list

Function to remove a train from list

Click event to take in train info --train-name, train-dest, first-train-time(mil), frequency

Calculate when the next train will arrive

Users from many different machines (?)

Bonus: --don’t try this until everything else is working

minutes until arrival & next train time

next train time –

include add /remove buttons

\*\*HTML form for Admin input of trains –look for examples in classwork

\*\*how many trains? Tables is static or dynamic?

\*\*get real time (mentioned Unix reference)

\*\* convert 00”00 ( or whatever) to # seconds since midnight

\*\*\*\*\*makes it easier to calculate difference, time until arrival, time of arrival