JAVASCRIPT DEVELOPMENT

Sasha Vodnik, Instructor

HELLO!

1. Pull changes from the `svodnik/jsd6` repo to your computer
2. Open the `starter-code` folder in your code editor

DEPLOYING YOUR APP

LEARNING OBJECTIVES

At the end of this class, you will be able to

‣ Add update and delete functionality to a full-stack app.

‣ Understand what hosting is

‣ Identify a program's needs in terms of host providers

‣ Deploy to a web host

AGENDA

‣ Adding UD to our Firebase app

‣ Deploying with GitHub pages

‣ Deploying with Firebase

Checkin and questions

‣ The **most significant thing I learned** about CRUD and Firebase is

_____.

‣ My **biggest outstanding question** about CRUD and Firebase is

_____.

Final Project Checkin

Due: Monday, April 10

CRUD

‣ Create

‣ Read

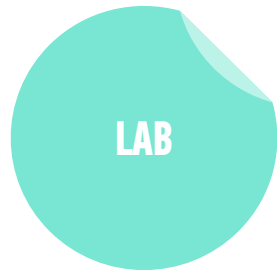‣ Update

‣ Delete

CRUD and HTTP

CRUD action	HTTP verb
Create	POST
Read	GET
Update	PATCH/PUT
Delete	DELETE

CRUD, HTTP, and Firebase

CRUD action	HTTP verb	Firebase method
Create	POST	`push()`
Read	GET	`ref()`
Update	PATCH PUT	`update()` `set()`
Delete	DELETE	`remove()`

LAB — IMPLEMENT UPDATE FUNCTIONALITY

LAB

KEY OBJECTIVE

‣ Build the Update functionality of a full-stack app
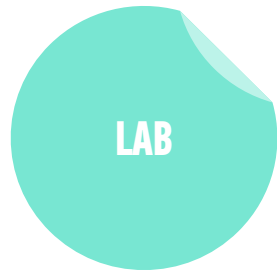
TYPE OF EXERCISE

‣ Solo or in pairs

TIMING

20 min

1. Examine the API documentation at
   https://firebase.google.com/docs/reference/js/firebase.database.Reference#update
   and
   https://firebase.google.com/docs/reference/js/firebase.database.Reference#set

2. Create a function to make updates to the database

3. Add calls to your new function when data is changed in your app

LAB — IMPLEMENT UPDATE FUNCTIONALITY

LAB

KEY OBJECTIVE

‣ Build the Delete functionality of a full-stack app

TYPE OF EXERCISE

‣ Solo or in pairs

TIMING

10 min

1. Examine the API documentation at https://firebase.google.com/docs/reference/js/firebase.database.Reference#remove

2. Create a function to delete records from the database

3. Add calls to your new function when data is deleted in your app

LEARNING OBJECTIVES – REVIEW

‣ Add update and delete functionality to a full-stack app.

‣ Understand what hosting is

‣ Identify a program's needs in terms of host providers

‣ Deploy to a web host

NEXT CLASS PREVIEW

Intro to ES6

‣ Explain what ES6 is and why it's a significant update to JavaScript

‣ Interpolate strings

‣ Create JavaScript classes

‣ Deconstruct arrays & objects

‣ Use the spread operator

Exit Tickets!

Q&A