REACT FORMS

Welcome to the last Saturday!

- Follow these steps:
- ➢ Clone repo: https://github.com/FullstackAcademy/Study-Saturday-Week4
- ➢createDB study-saturdays
- ➢npm install
- ➢npm run seed
- ➢ git checkout cycle-0

Cycle-0 : Create a Route for Adding Students

➢ Create a POST route for Students in routes/students.js

➢ Review at 11:00am

Cycle-1 : Create and Render a Form

➢ Create a button "Add New Student" in Main.js :
  ➢ The button will toggle the form. Form should be hidden by default.

➢ Create a new component "NewStudentForm.js" that'll have 3 input fields : Firstname, Lastname, Email and a "Submit" button.

➢ Review at 11:45am

Cycle – 2: Update the State with Form Input

➢ Starting point: git checkout cycle-2

➢ In NewStudentForm component:
  ➢ add a local state – What are the information we want in our state?
  ➢ Write a handleChange method, that will update the state according to the form input.
  ➢ Write a handleSubmit method, that will take the information from the state and do something….(do what?!?!?!?🤷‍♀️! ❓)
  ➢ handleSubmit should also clear the state

➢ Review at 12:45pm

Cycle – 3 : Make the Form Work….Finally!!!

➢ Starting point: git checkout cycle-3

➢ In Main.js:
  - ➢ Write a method "addStudent" that takes a newStudent (object) and posts (axios.post) to the database.
  - ➢ "addStudent" method should also change the state. (with what?)
  - ➢ Pass this method as a prop to the form component.

➢ In NewStudentForm.js:
  - ➢ Grab the "addStudent" method from props (sounds familiar???)
  - ➢ Invoke the "addStudent" method in handleSubmit with the student info from state.

➢ Review at 3:15pm

Bonus Cycle

➢ Refactor the code using react-redux