

# REACT FORMS

# Hi! Welcome to REACT workshop

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

# Cycle 0: Create a Route for Adding Student

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

➤ Review at 11:00am

# Cycle 1: Add Student 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 State w/ 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
- 🙋! ) ➤ handleSubmit should also clear the state  
the state and do something....(do what?!?!?!?)
- Review at 12:45pm

# Cycle 3: Making 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

- Refactor the code using react-redux