

# 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-1

# 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 11:30am

# 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