

REACT FRONT END

Hi! Welcome to REACT workshop

- Follow these steps:
 - Clone repo: <https://github.com/FullstackAcademy/Study-Saturday-Week3>
 - createDB study-saturdays
 - npm install
 - npm run seed
 - git checkout cycle-1

Cycle-1 : Show list of all Students

End Goal is to show list of all the students that are stored in the DB

➤ To start checkout cycle-1 branch: *git checkout cycle-1*

Instructions:

- In browser/ index.js
 - import `React` and `ReactDOM` and use the latter to render a heading that says “Hello React!”
- Create a components folder in the browser folder.
- In that new components folder, create a <Main> component that fetches a list of all students from the server. It should render a table of students with one column, the student’s full name
- Review at 12:00pm

Students

Name

Dan Abramov

Jordan Walke

James Dean

John Wayne

Cary Grant

Cycle-2 : Shows Individual Student's Details

End Goal: to shows students first name, last name , average grade and each subject grade once you click on the details link

➤To start checkout cycle-2 branch: *git checkout cycle-2*

Instructions:

- Create StudentList.js component which will map and render each student.
- Add a second column to the table.
- In the second column, add a word like “Details”, that, when clicked, renders all of that student's test scores below the table
- Create SingleStudent.js component which will show students name and average score along with each test and grade
- Review at 3:30pm

Students

Name	Tests
John Wayne	Details
Dan Abramov	Details
Cary Grant	Details
Jordan Walke	Details
James Dean	Details

John Wayne

Average grade: 50%

Subject	Grade
Computer Science	45%
Art	60%
iure	45%