

# EXPRESS ROUTES

# Welcome!

- Follow these steps:
  - Clone repo: <https://github.com/FullstackAcademy/Study-Saturday-Week1>
  - npm install
  - git checkout cycle-1

# Cycle-1 : Create Student routes

- Create a folder 'route'
  - lets create 'student.js' file
- Lets create student model:
  - let student= [{id:1, name: 'Dan'}, {id:2, name: 'Karen' }, ...add some more]
- Time to create the following routes:
  - get '/'
  - get '/:id'
  - post '/'
  - put '/:id'
  - delete '/:id'
- Lets not forget error handling and require 'student.js' in our 'app.js'
- Review at 11:30am

# Cycle – 2: Create Test routes

- Starting point: git checkout cycle-2
- Create a folder 'route'
  - lets create 'test.js' file
- Lets create test model:
  - let test= [{id : 1, subject : 'English', score : 78, studentId : 1}, ...add some more]
- Time to create the following routes:
  - get '/'
  - get '/:id'
  - post '/'
  - put '/:id'
  - delete '/:id'
- Lets not forget to require 'test.js' in our 'app.js '
- Review at 1:00am

# Cycle – 3 : Time to refactor

- Starting point: git checkout cycle-3
- Lets add 2 more routes to test.js
  - Get top scoring student. get `'/top'`
  - Get mean score for student. get `'/:id/mean'`
  - It is important to know where which route hits first
- Create `'db'` folder and lets add our models in `'db.js'`:
  - Don't forget to export the models and import them in your routes.
- Review at 3:15pm