

Node JS

SEC May 2024

Course planning 1

12 sessions, 2 hours each session

Twice a week (Tuesday & Wednesday)

Slides will be given after the lecture

2 weekly assessments

1 final project

Way I teach

Slides lecture

Live coding & code along

I love answering questions

Moderate speed

```
git clone
```

```
https://github.com/zahinz/kelasprogramming-nodejs-jan-2024
```

Kindly install before class

Node js latest lts - <https://nodejs.org/en>

Node version manager (NVM)

Insomnia - <https://insomnia.rest/>

Table plus - <https://tableplus.com/download>

Course planning

Model View Controller (MVC) and

Database design - 3 sessions

- Introduction to Node.js and MVC
- Building Controllers and Routing
- Views and Templates

Database & SQL - 3 sessions

- Understanding database
- SQL query
- Installing PostgreSQL
- Connecting PostgreSQL with Node JS

Course planning

Rest API - 6 sessions

- Introduction and Setting Up REST API
- Middleware, Validation, and Authentication
- Handling Data and File Uploads
- Handling deployment

Assessment and projects

Assessment will be given after the lecture

Final project - booking app

Let's get started