

NestJS | 1

Bootcamp

[Discord](#) | [Official Documentation](#)

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Disclaimer

- This is an optional course and will not effect your academic credit
- If you're not interested and cannot fullfill any requirement or class rules you will be resulted for class dropout.

General Rules

- Having a laptop and a separate notebook is compulsory
- Failure to answer at least 3 viva question will result in dismissal.
- Failure to complete homework/classwork without any valid result will be unacceptable.

Prerequisite

- Separate notebook/copy for notes
- NVM with Node Installed
- PC with VS Code Installed
- Stable Internet Connection

Introduction & Getting Started

CLI and Project

Firstly, We install nestjs in our machine

```
npm i -g @nestjs/cli
```

Navigate to work directory and run the following

```
nest new <project_name>
```

```
nest new myapp
```

Actions

- We installed nestjs cli globally
- We used that CLI to make a new project

Result

- In terminal, there is success message of new project creation

Now?

- Go inside the new project `cd myapp`
- Open VS Code `code .`

Base Structure

- node_modules
 - delete and install `npm i`
- package.json
 - scripts
 - dependencies
- gitignore
 - what and why?

Discussion

- NPM vs Yarn
- NodeJs vs ReactJs vs NestJs
- Framework

Project Structure

- src folder
- test folder

Running the project

- refer to package.json
 - scripts
 - `npm run start:dev`
 - localhost:3000
 - should see `Hello World`
 - edit `app.service.ts` for new Message!

Task!

- Create a project called myapp
- Run the project in browser localhost
- Output must be:
 - Hello NestJs
- Submit your task

Congratulations

You Completed :

- NodeJS Basics
- Backend Concepts
- CLI Concepts
- Capable of making a new NestJS Project
- Running a NestJS Project

Homework :

- NodeJS and NestJS working principle diagram (classwork)
- What is the terminal code to `install` nestjs cli?
- What is the terminal code to `create new nestjs` project?

Viva questions:

- Authorization vs Authentication

Hello

This is a sample slide

<hr> - How is it? - How are you?