

NestJS | 4

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

Routing Decorators

Decorators

- In your `app.controller.ts` file you can see some decorators
- `@Get()`
- `@Controller()`
- Decorators start with `@` and may or may not take arguments

Routing Rules

- `@Controller()` decorator can take argument to change routing routes
- `@Get()` decorator as well can take arguments to modify routing
- Run the project to test any routing changes in upcoming slides

Get Route

```
@Controller()
export class AppController {
  @Get("/one")
  getRootRoute() {
    return "hey there!";
  }
}
```

- Test this change in your `localhost:3000/one`

Controller Routing

```
@Controller("/app")
export class AppController {
  @Get("/one")
  getRootRoute() {
    return "hey there!";
  }
}
```

- Figure out the endpoint for result 'hey there!'
- We can see that **controller routing** changes for all inner routes functions for higher level routing

Task

- Create another method inside ApplicationController as `getByeThere` which returns the string `'bye there'` with a get-decorater having argument as `'bye'`
- Test your output in localhost

Run the application

- `npx ts-node-dev src/main.ts`

Discussion

- Decorators
- Routing
- Arguments

Congratulations

Level Completed!

- Routing with Decorators