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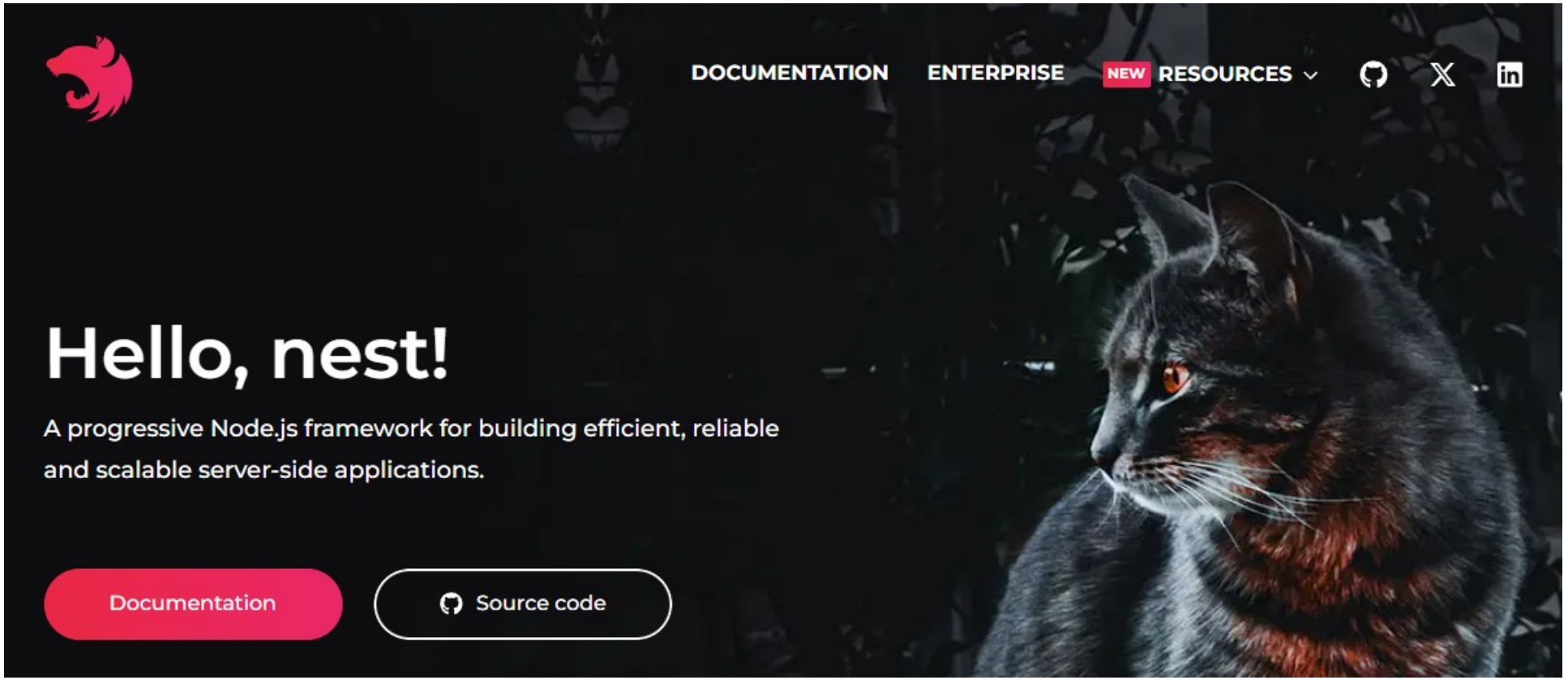

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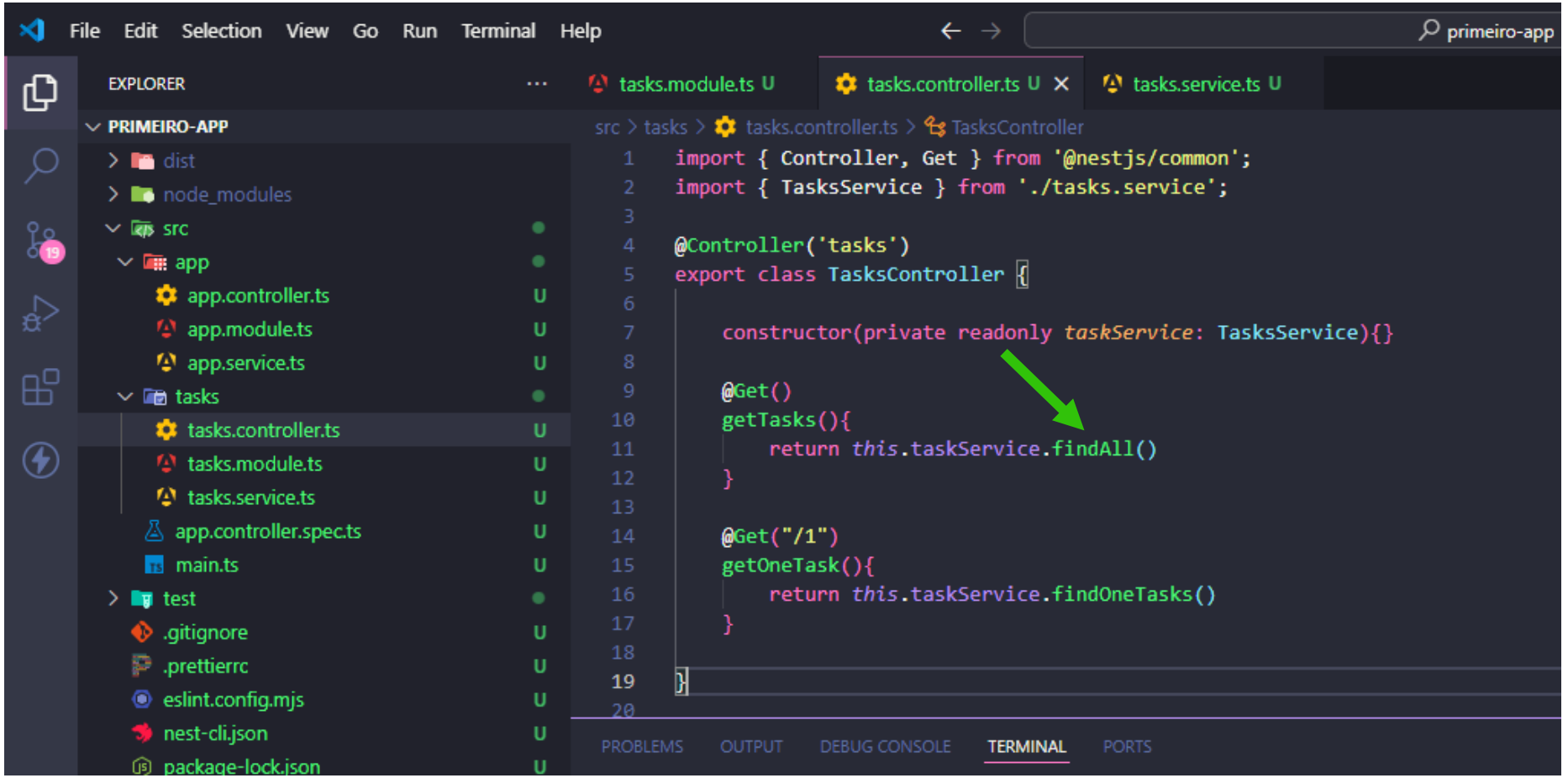

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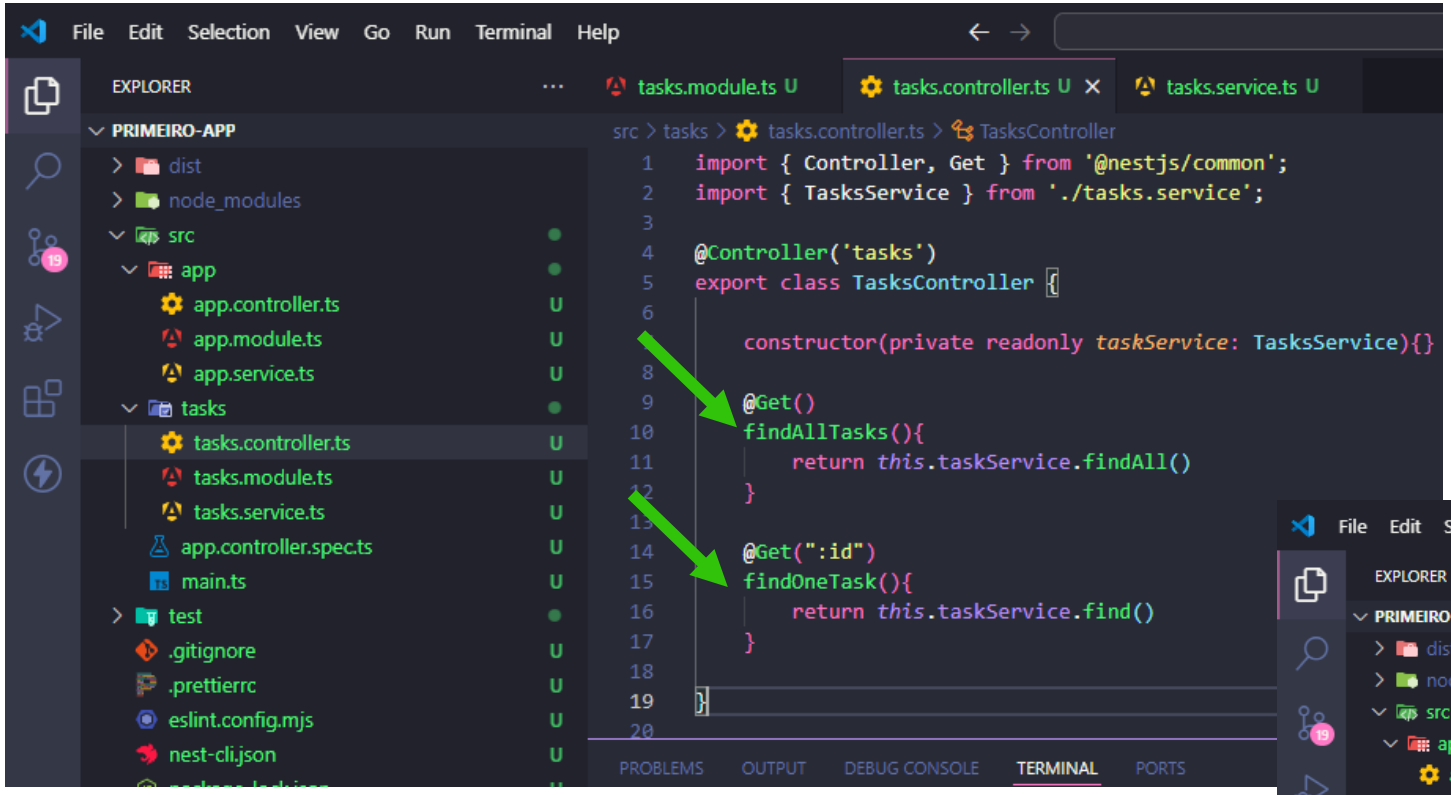

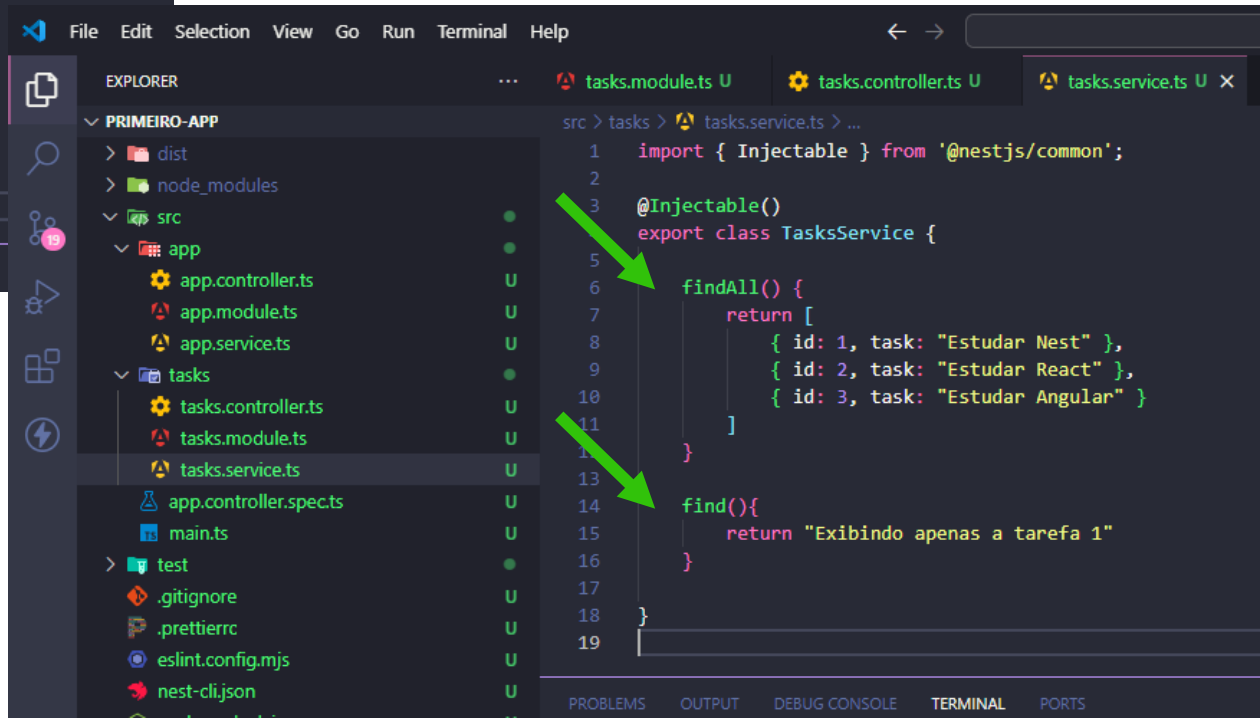

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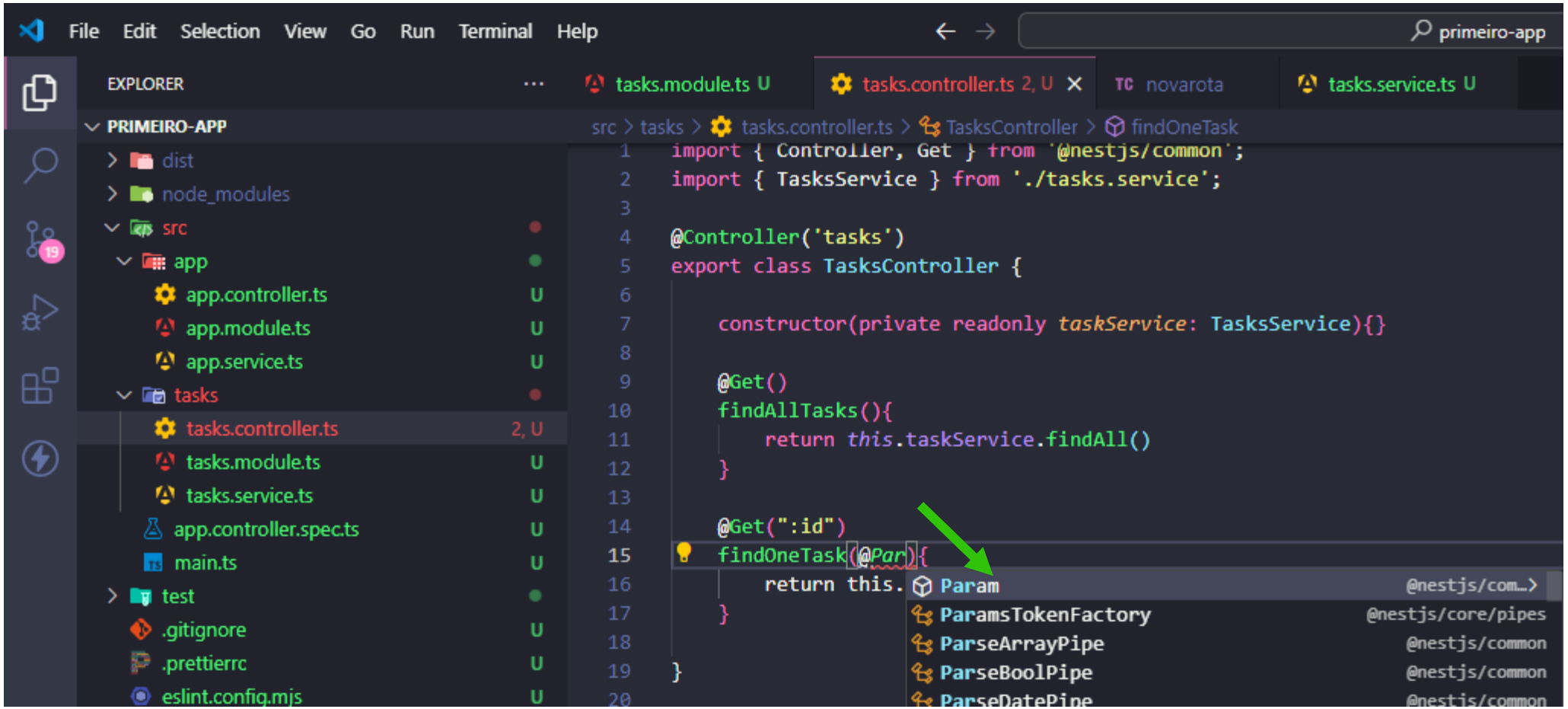

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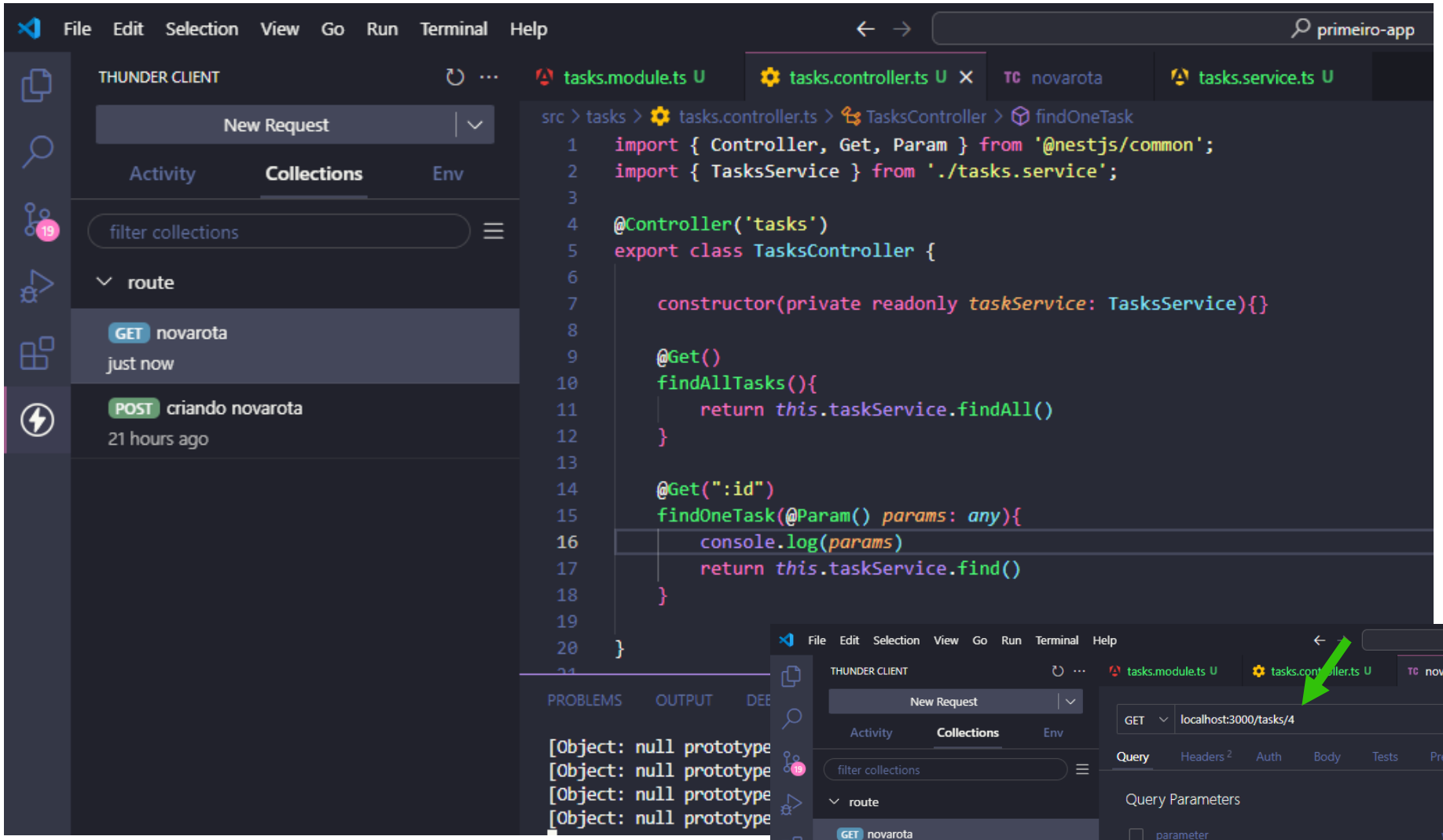

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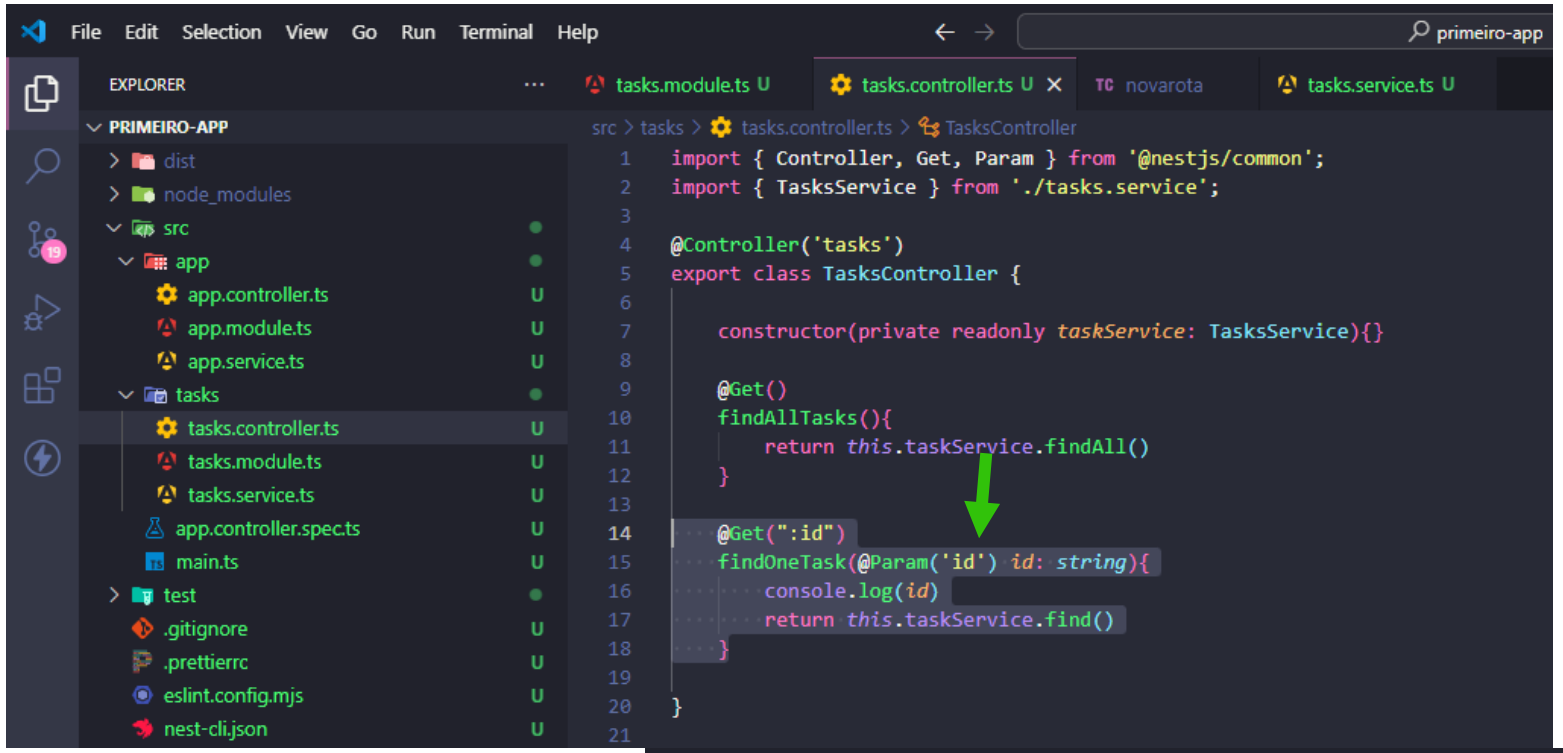

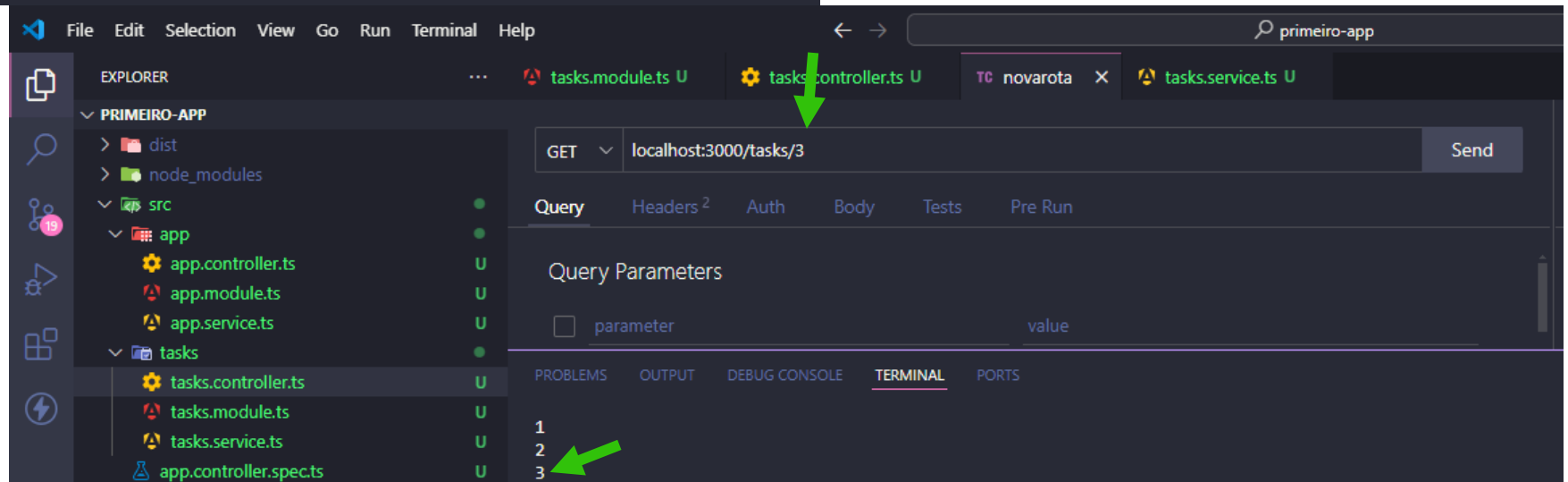

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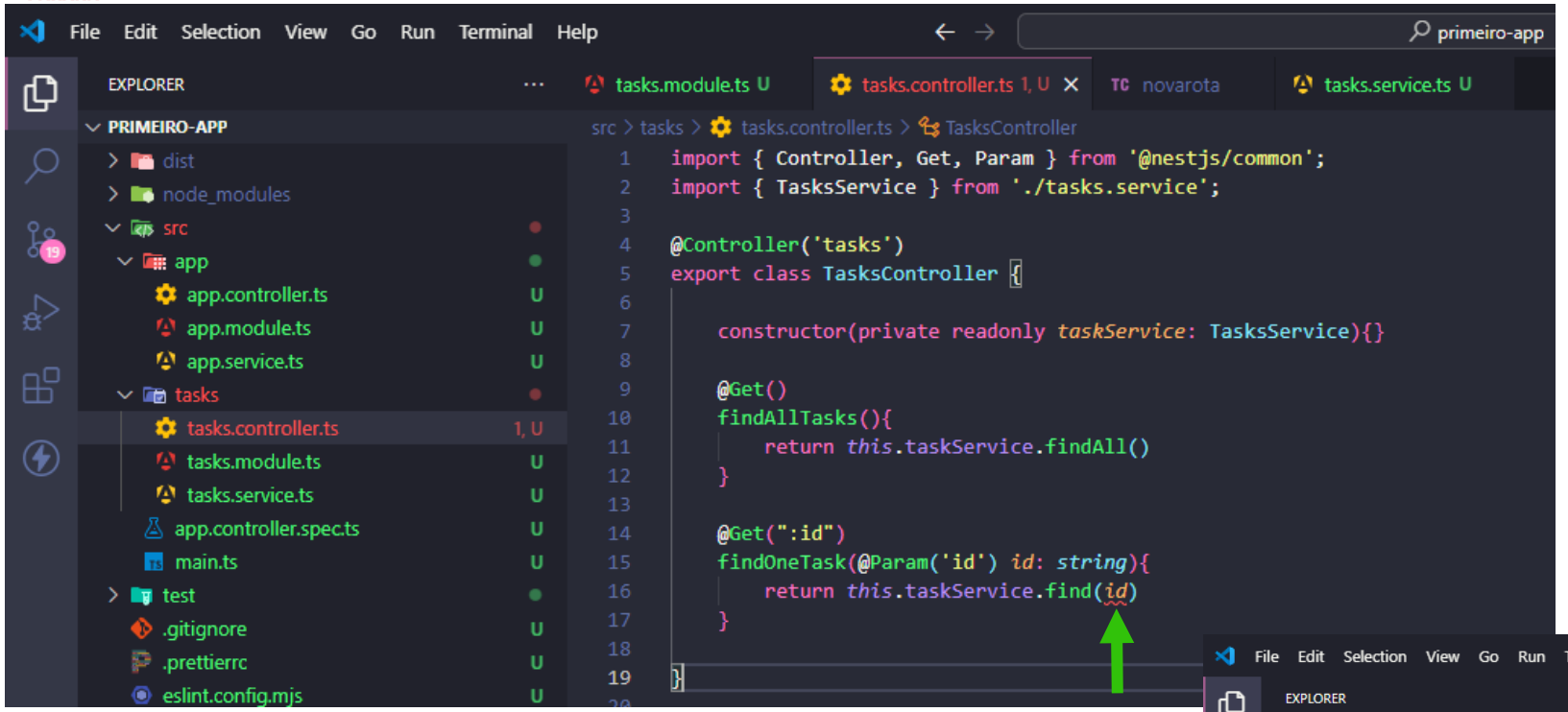

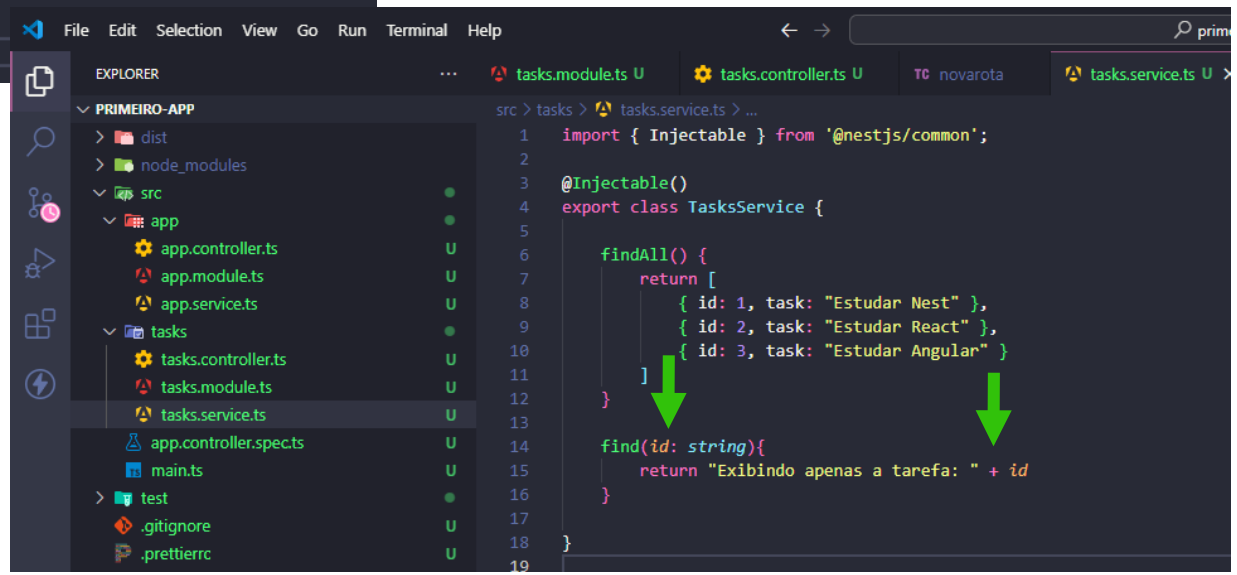

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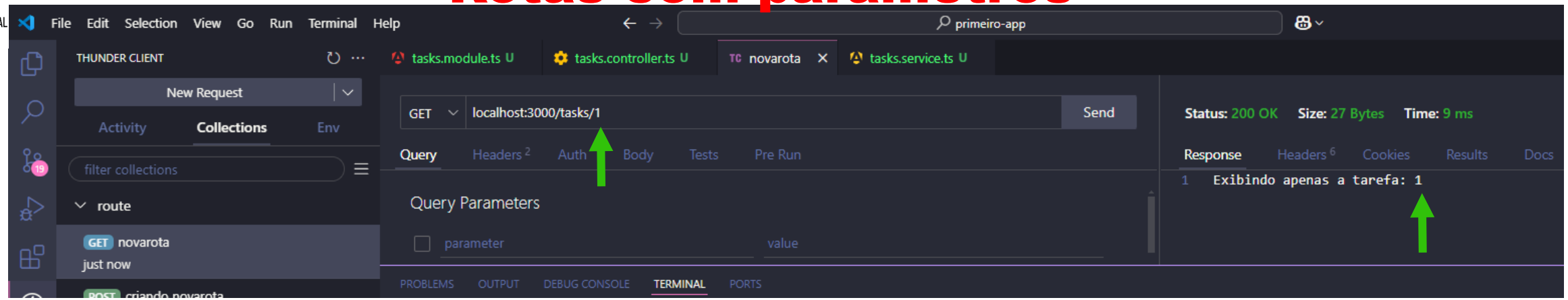

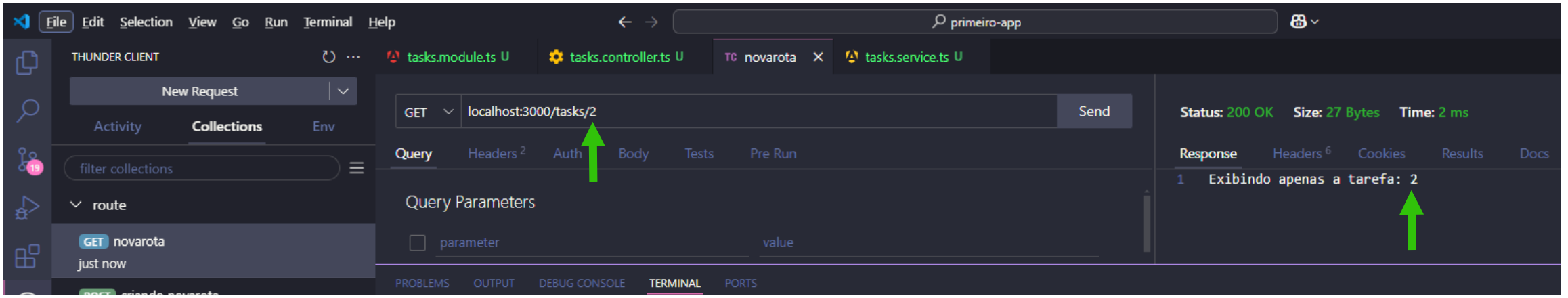

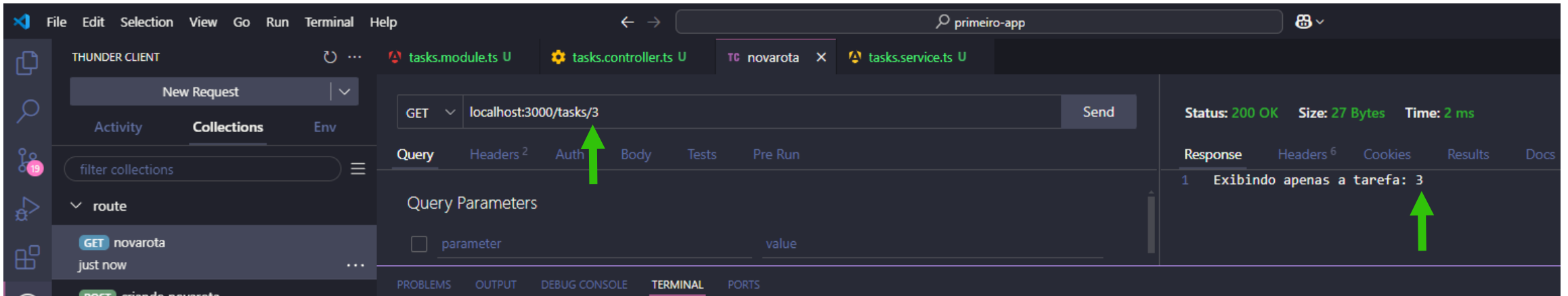

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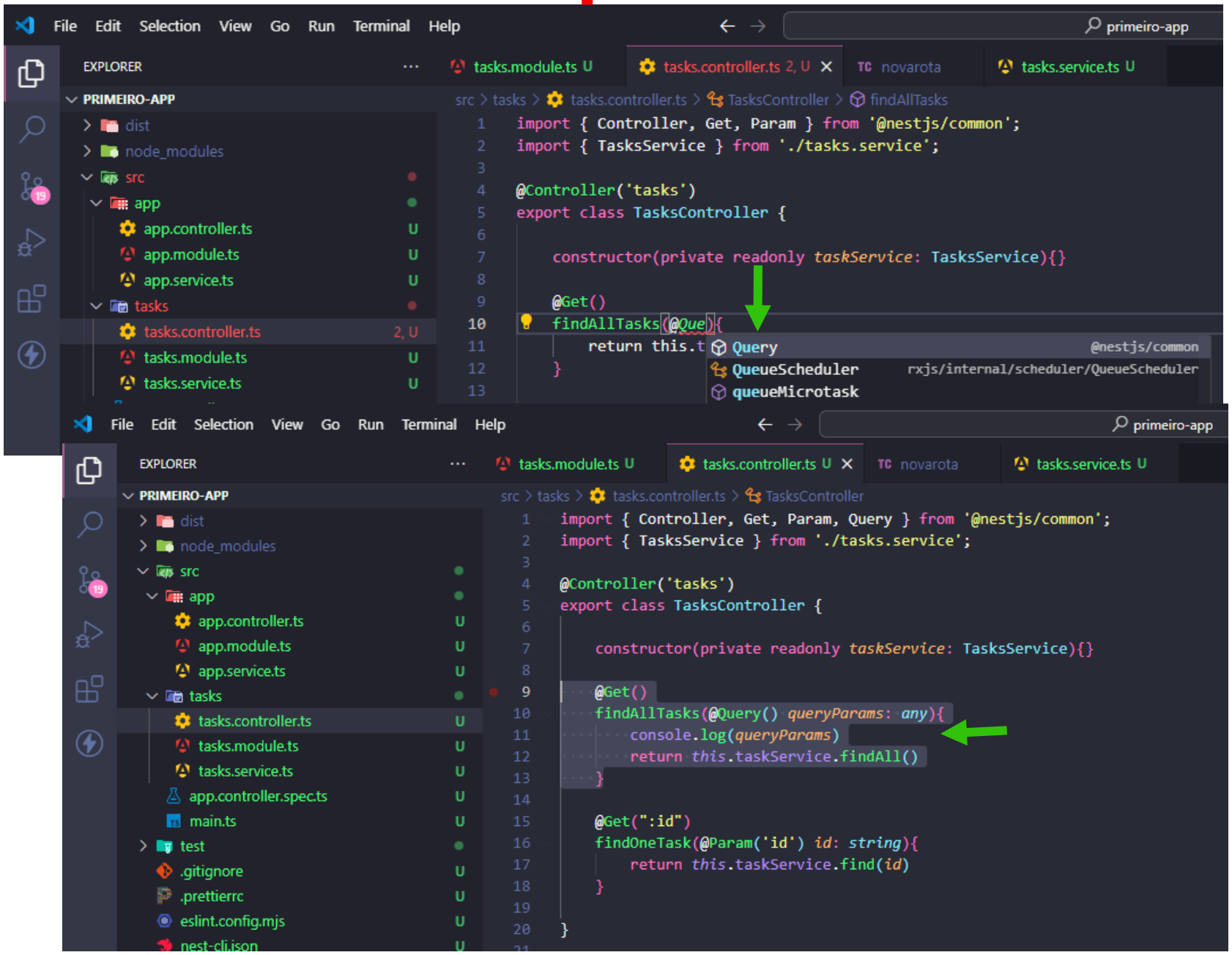

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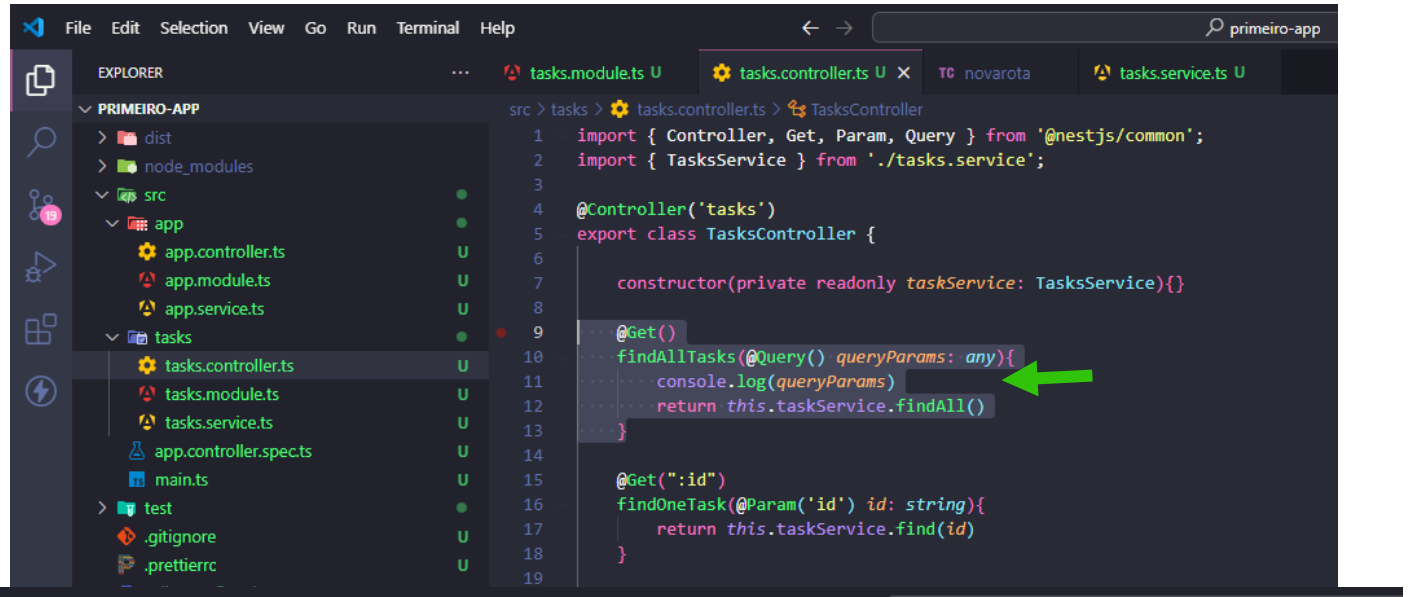

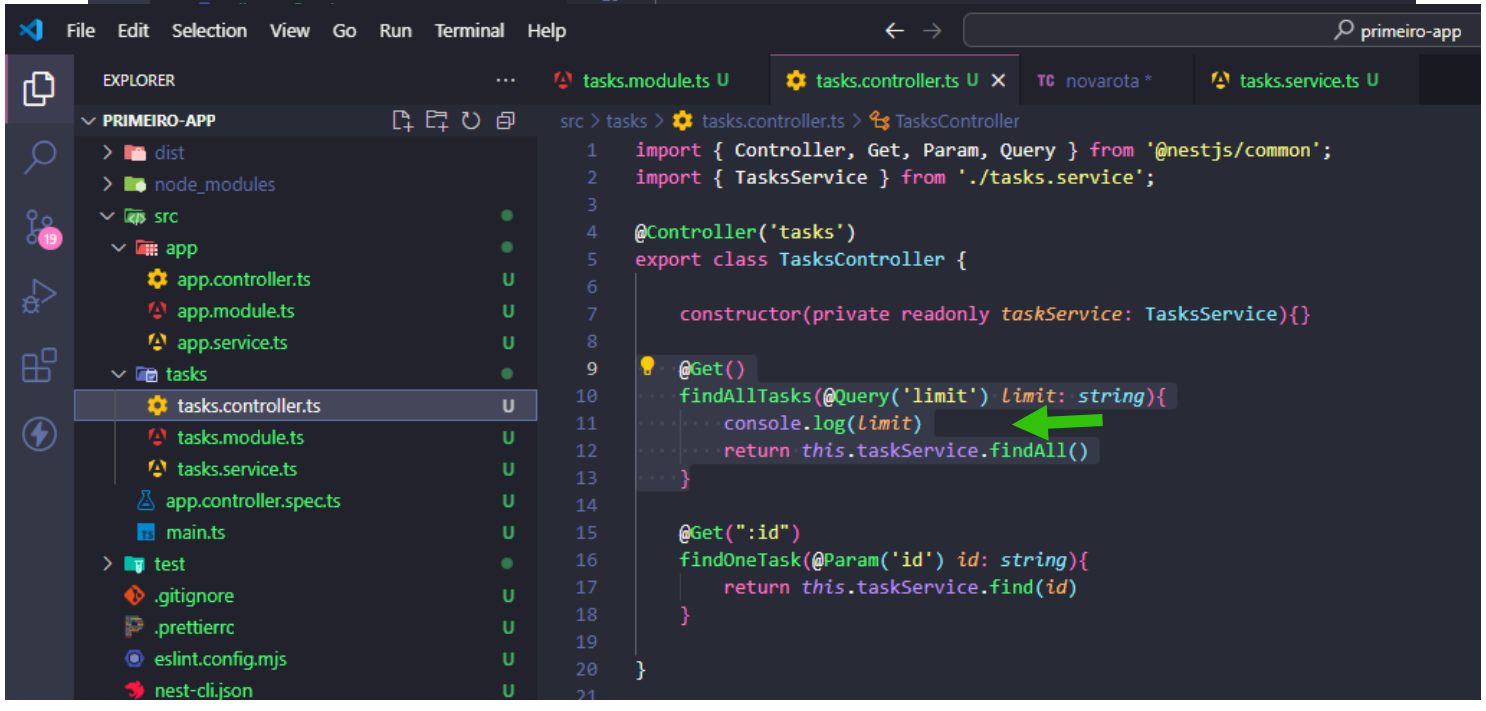

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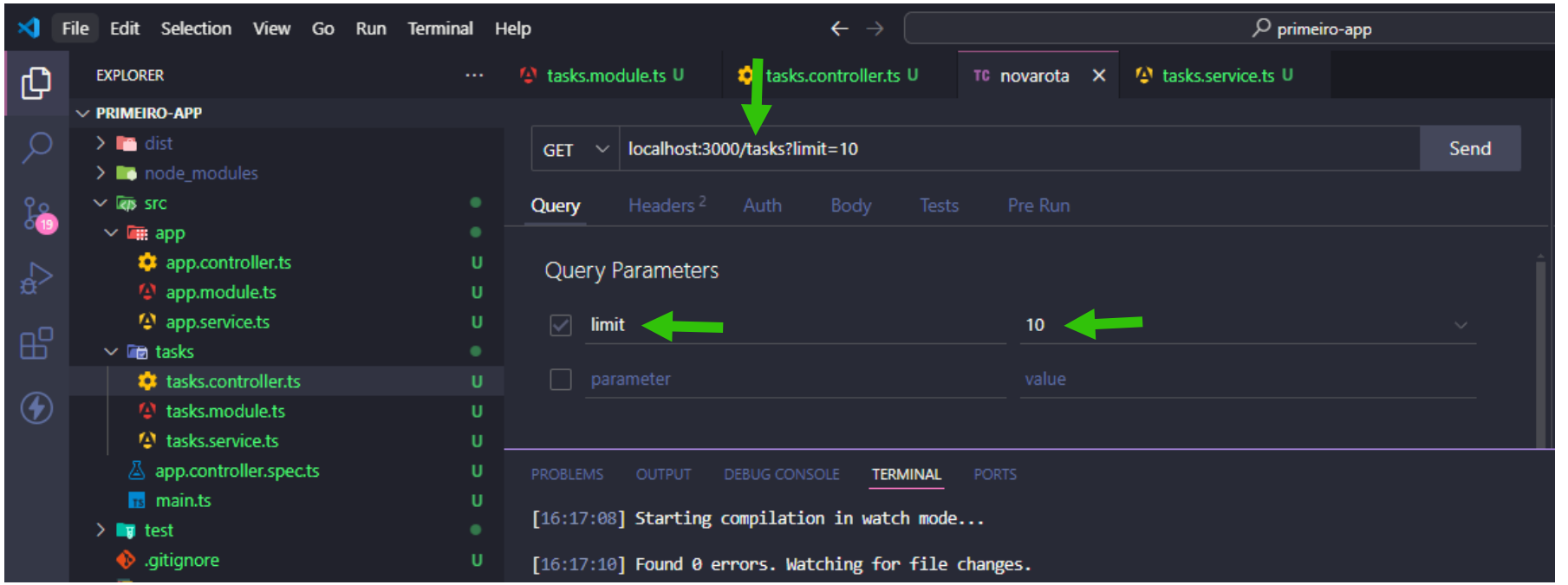

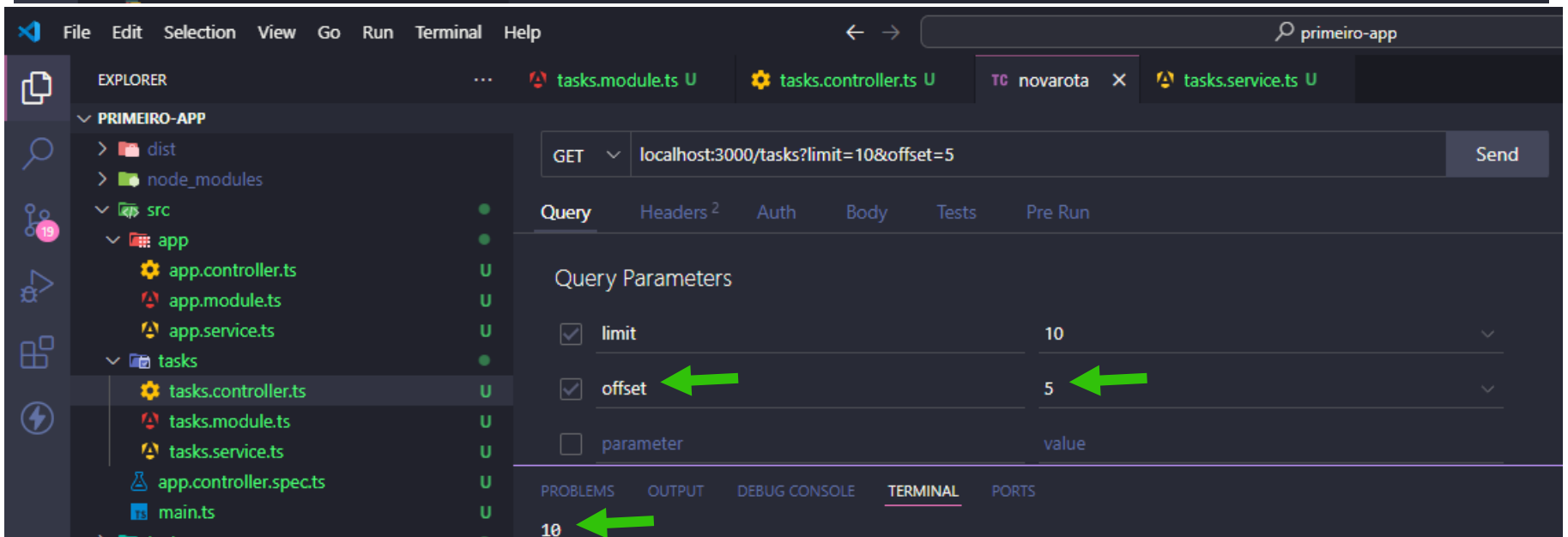

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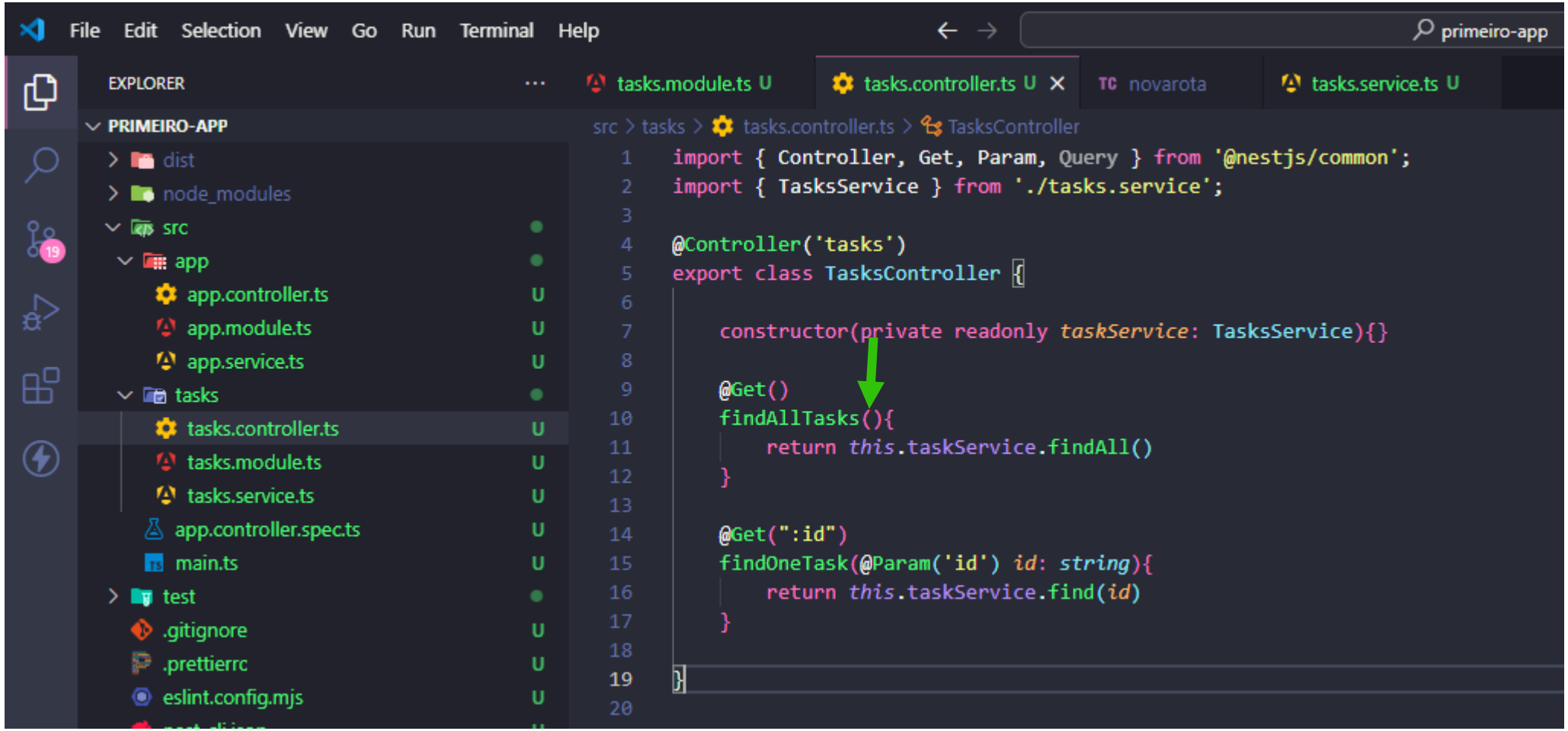

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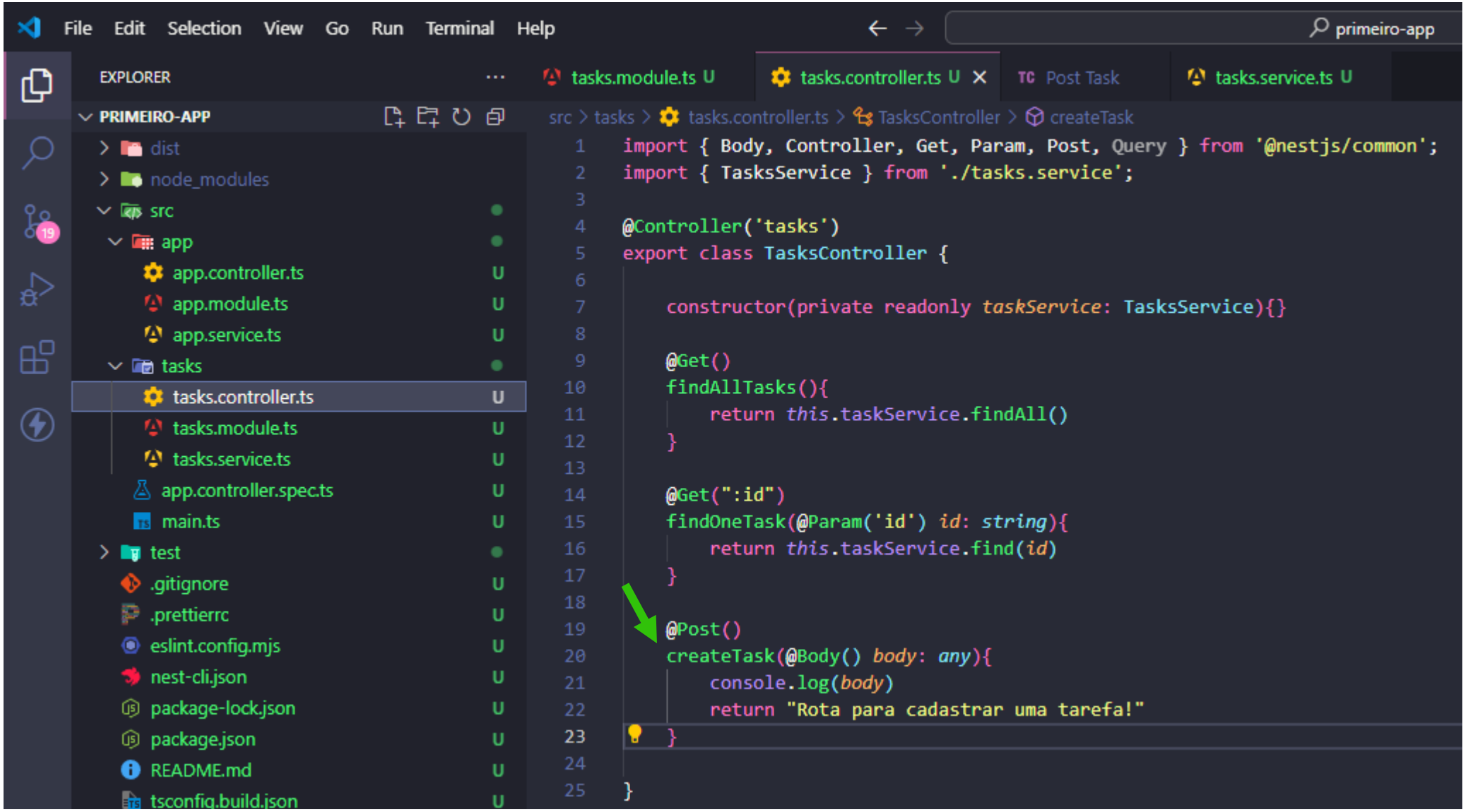

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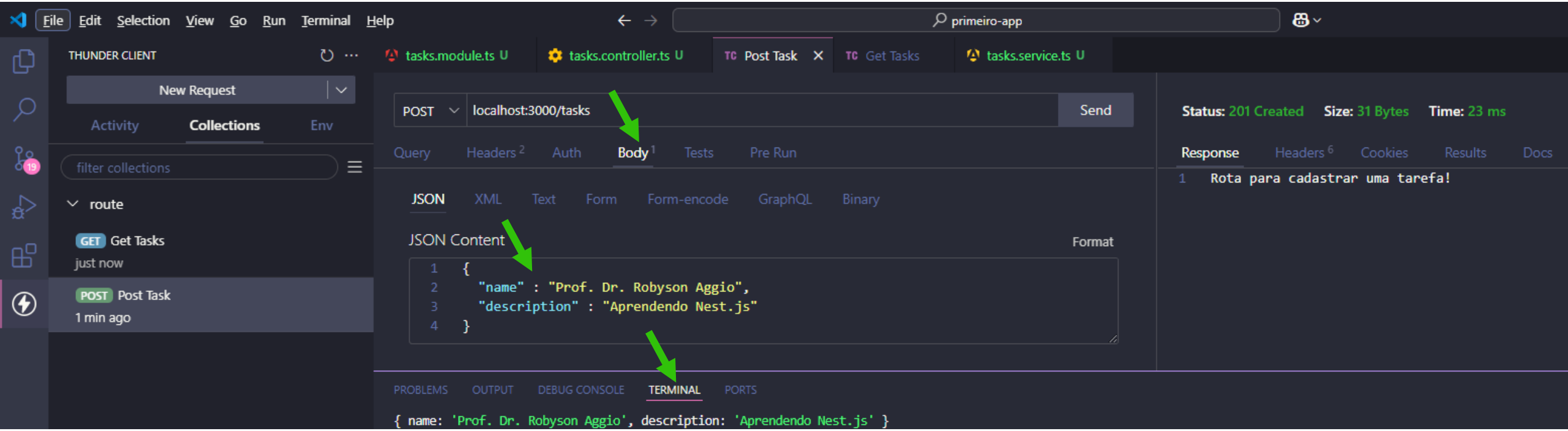

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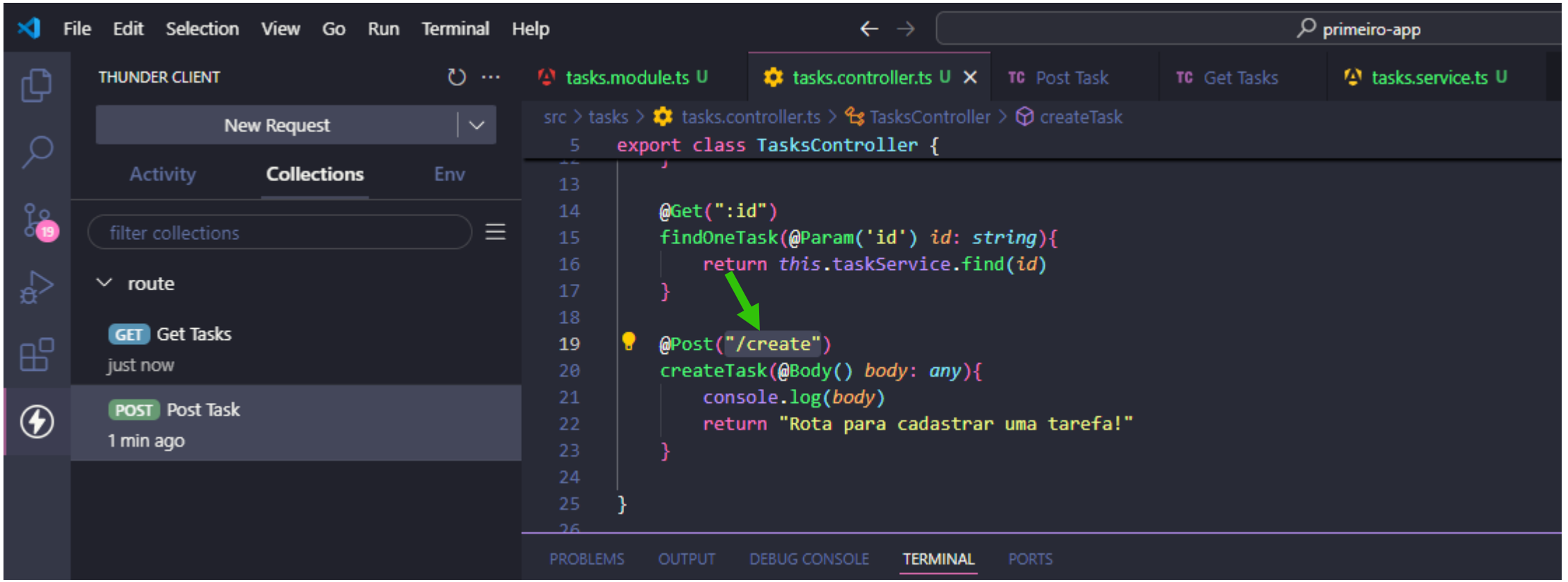

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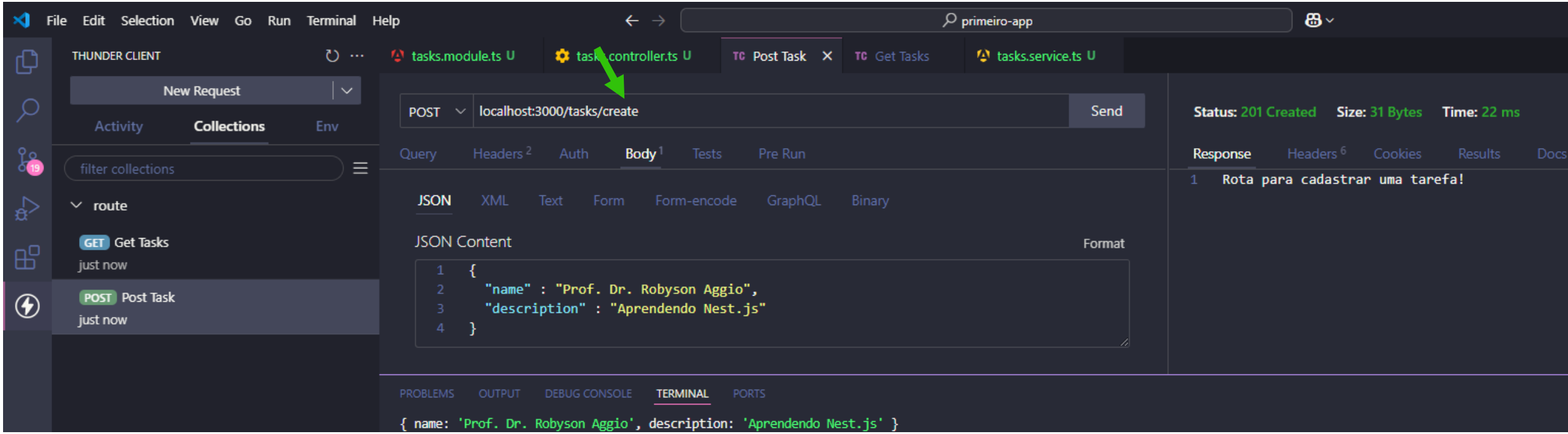

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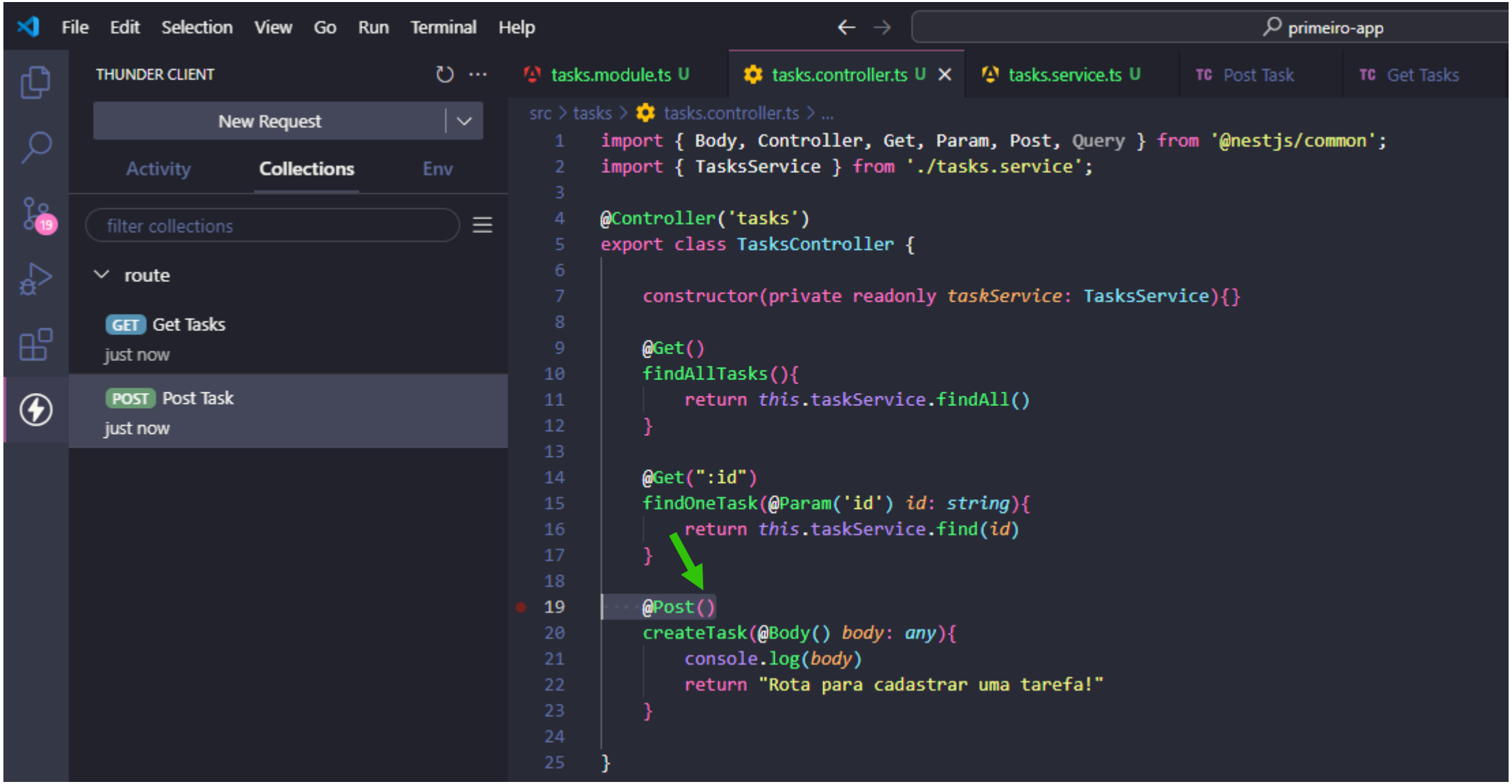

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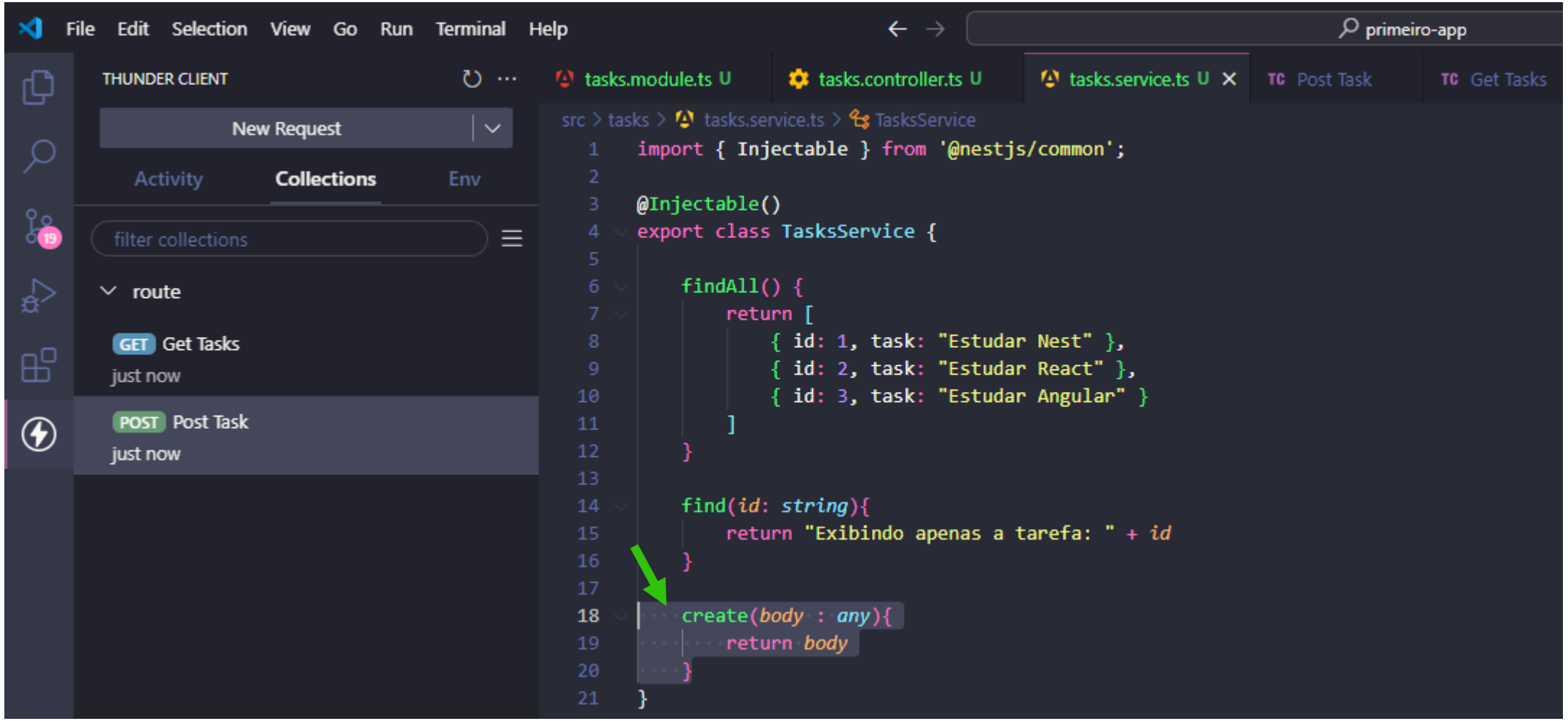

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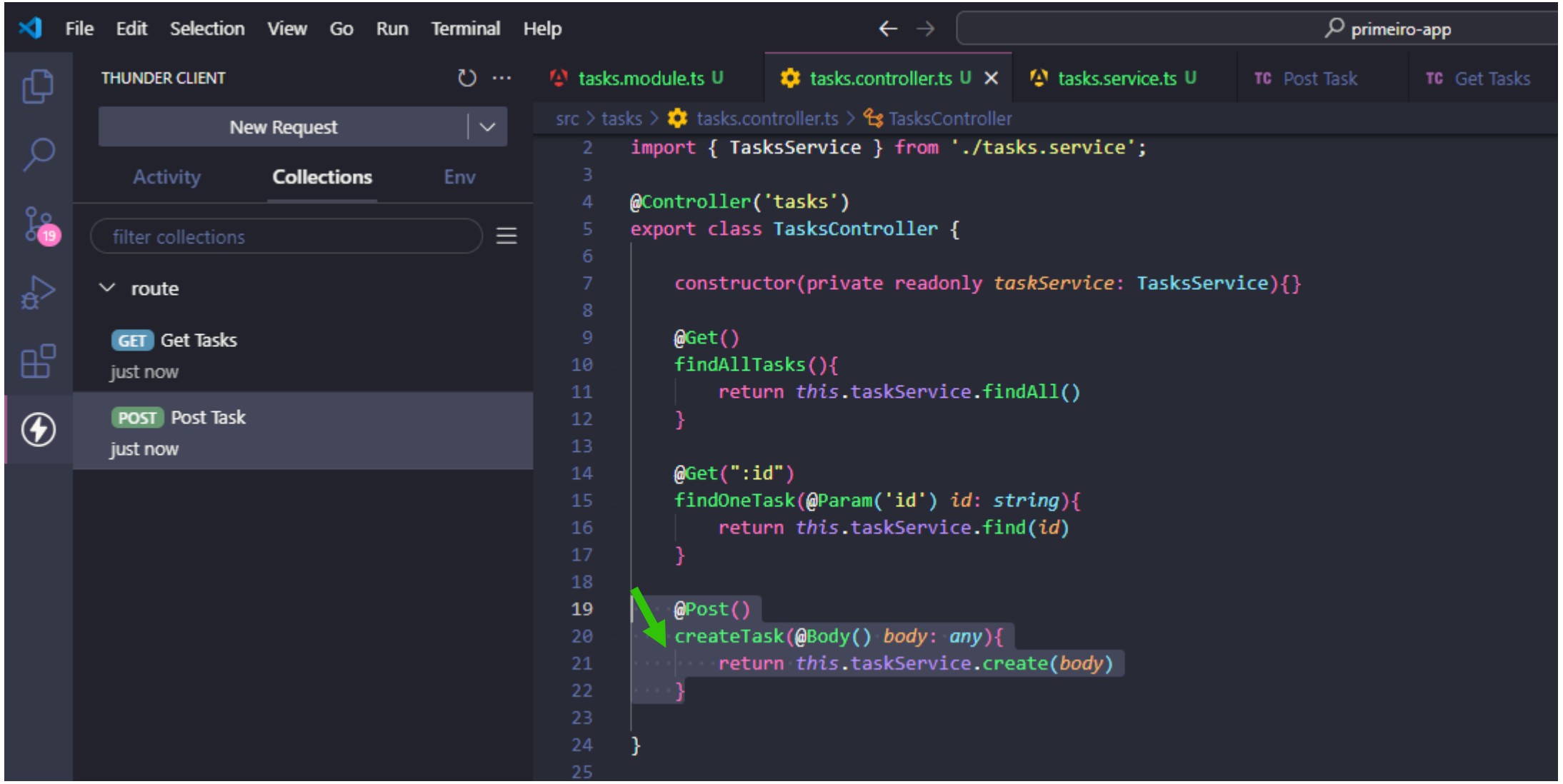

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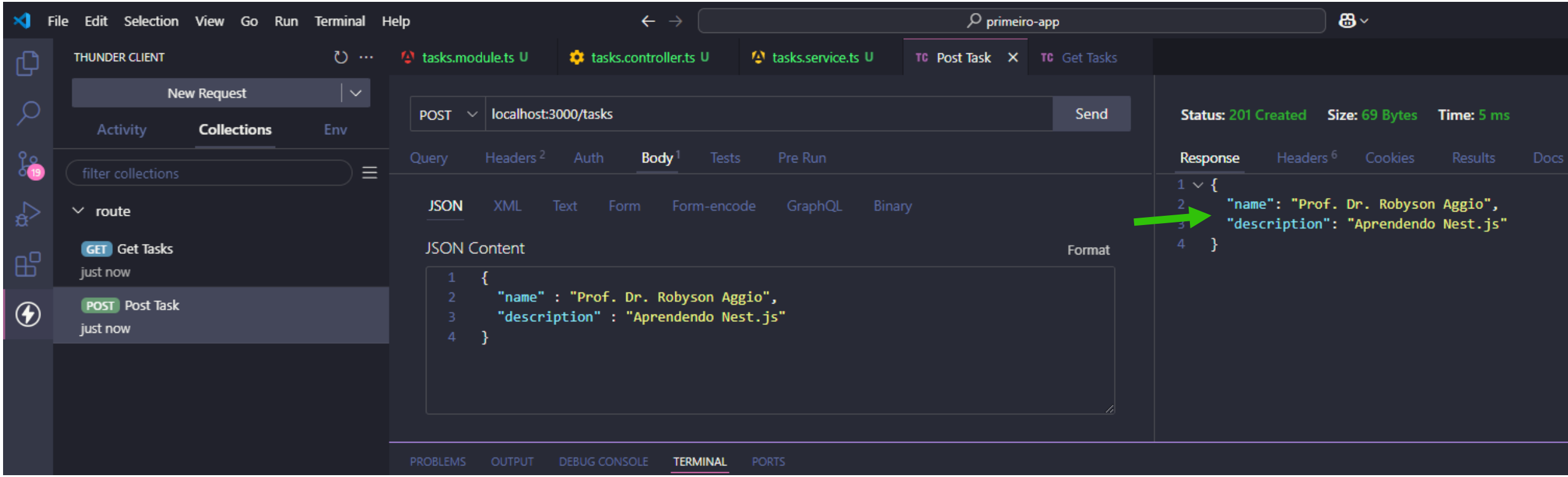

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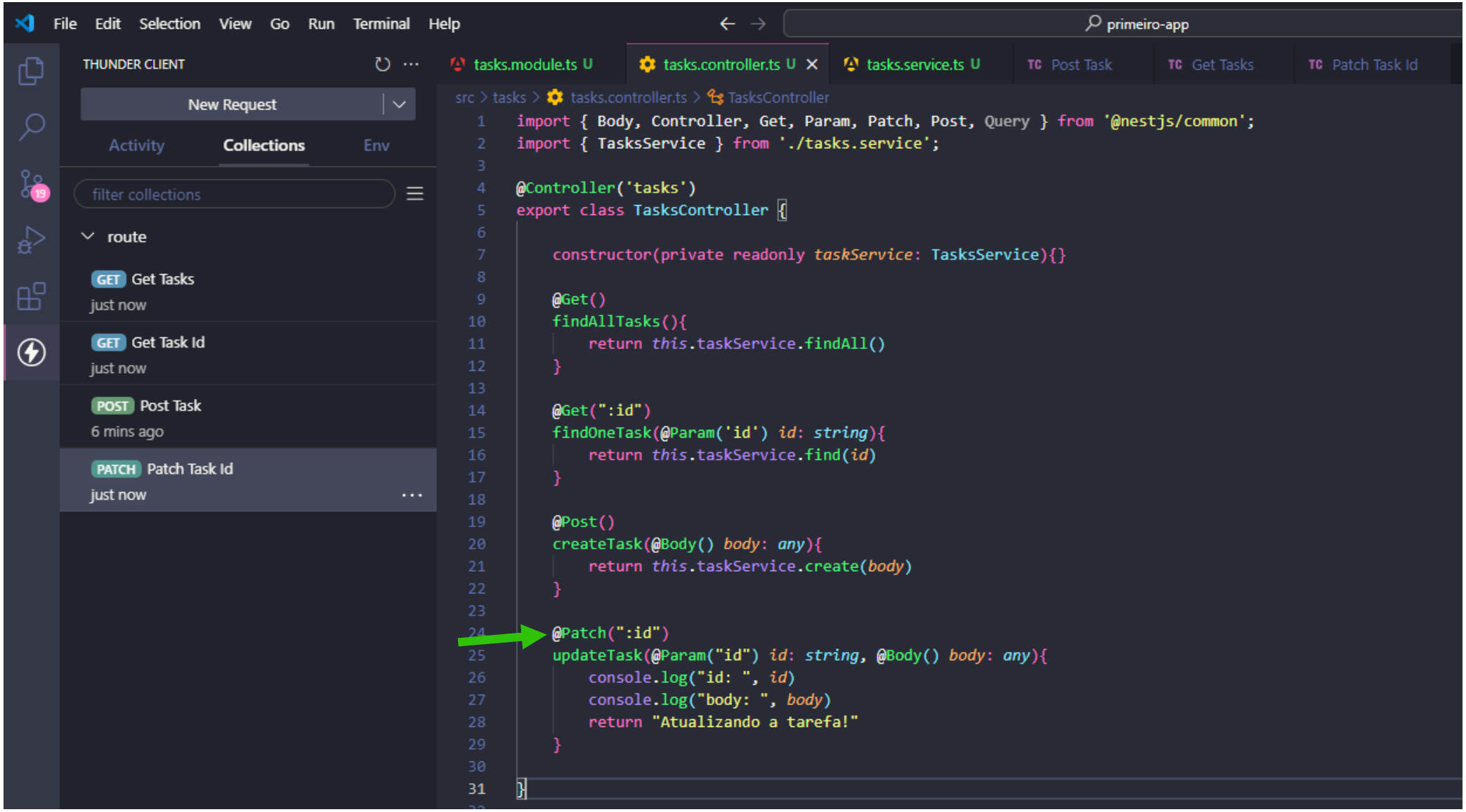

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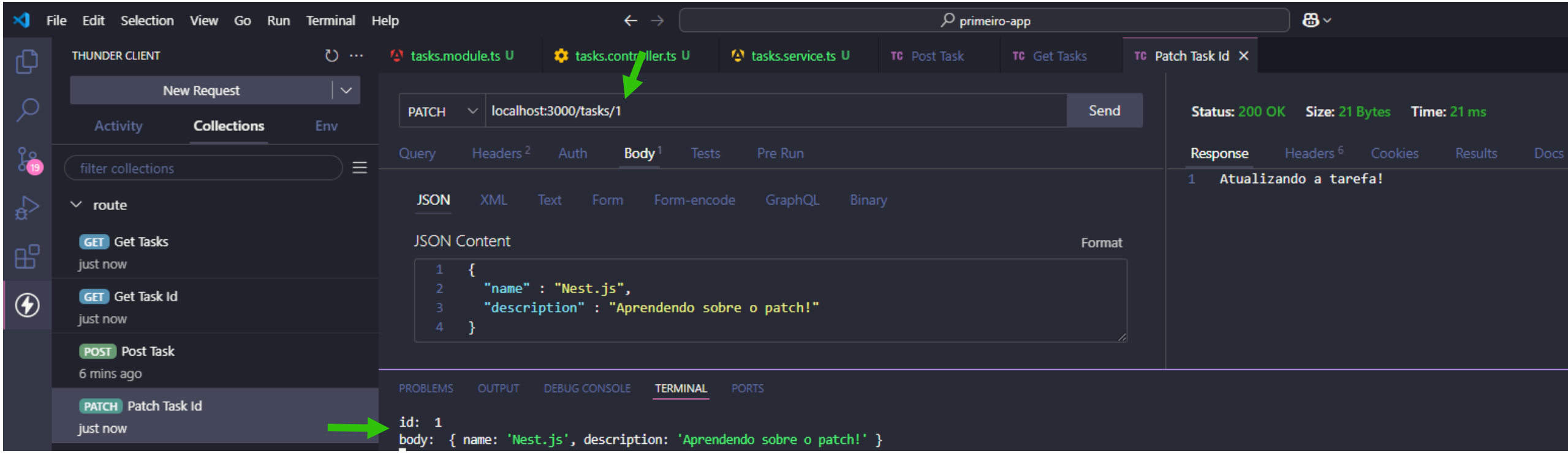

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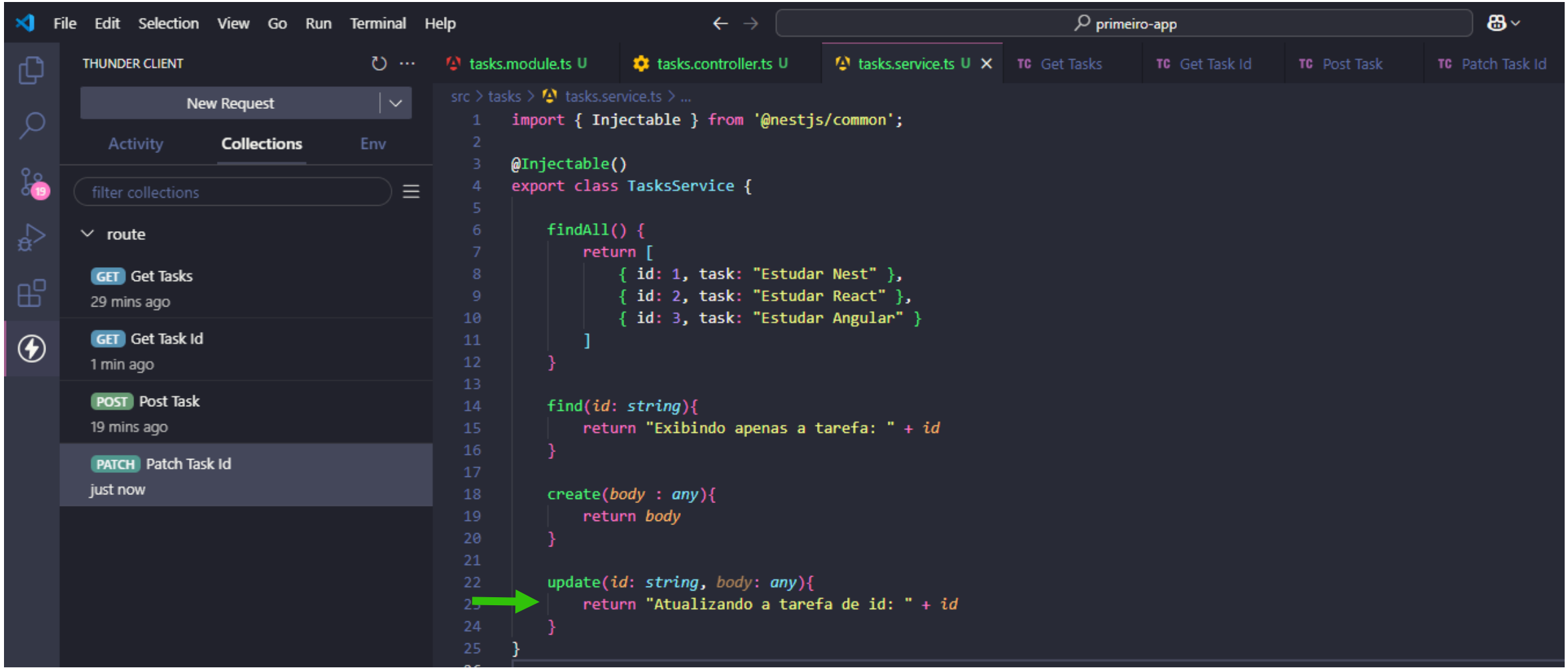

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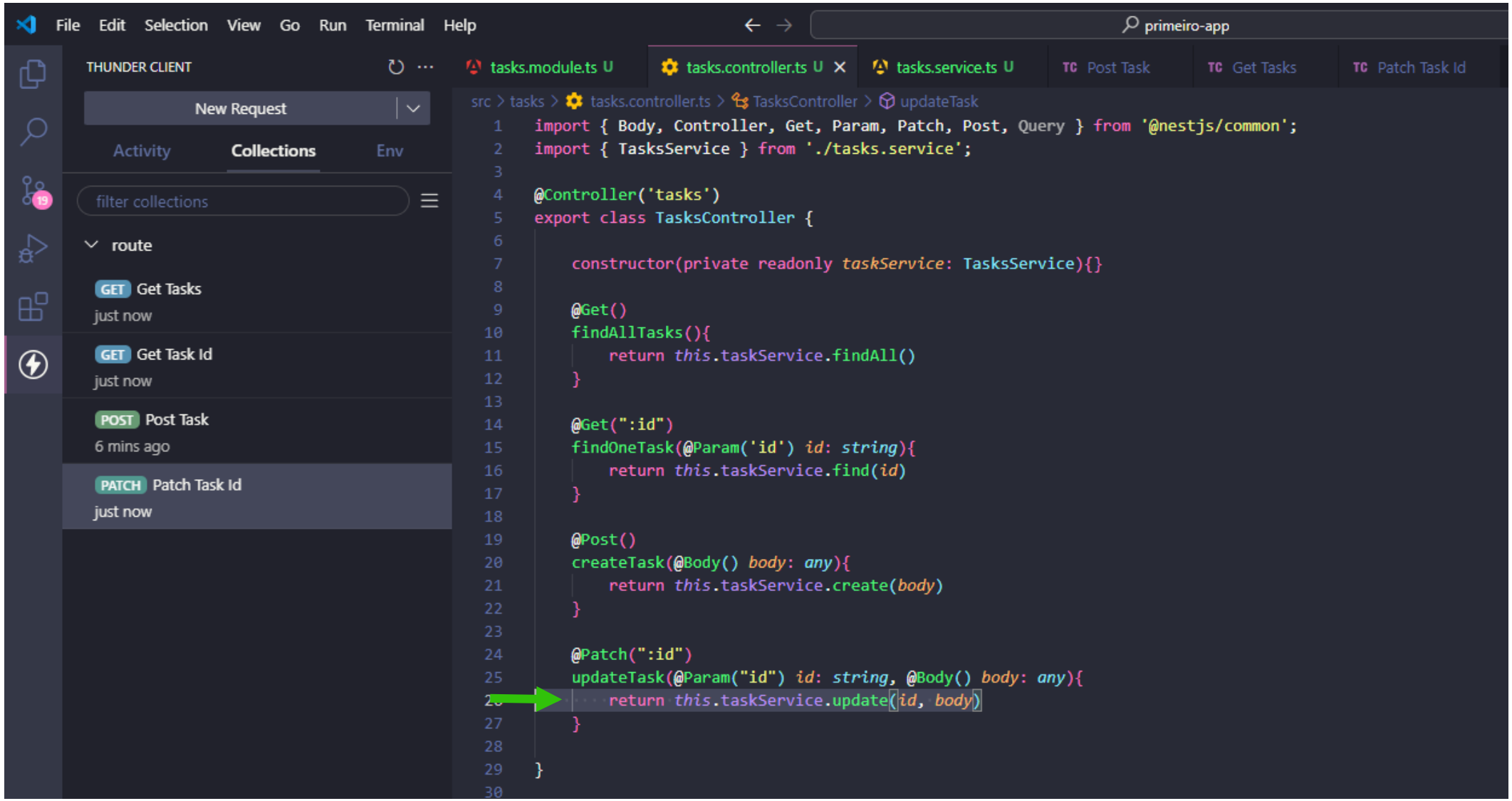

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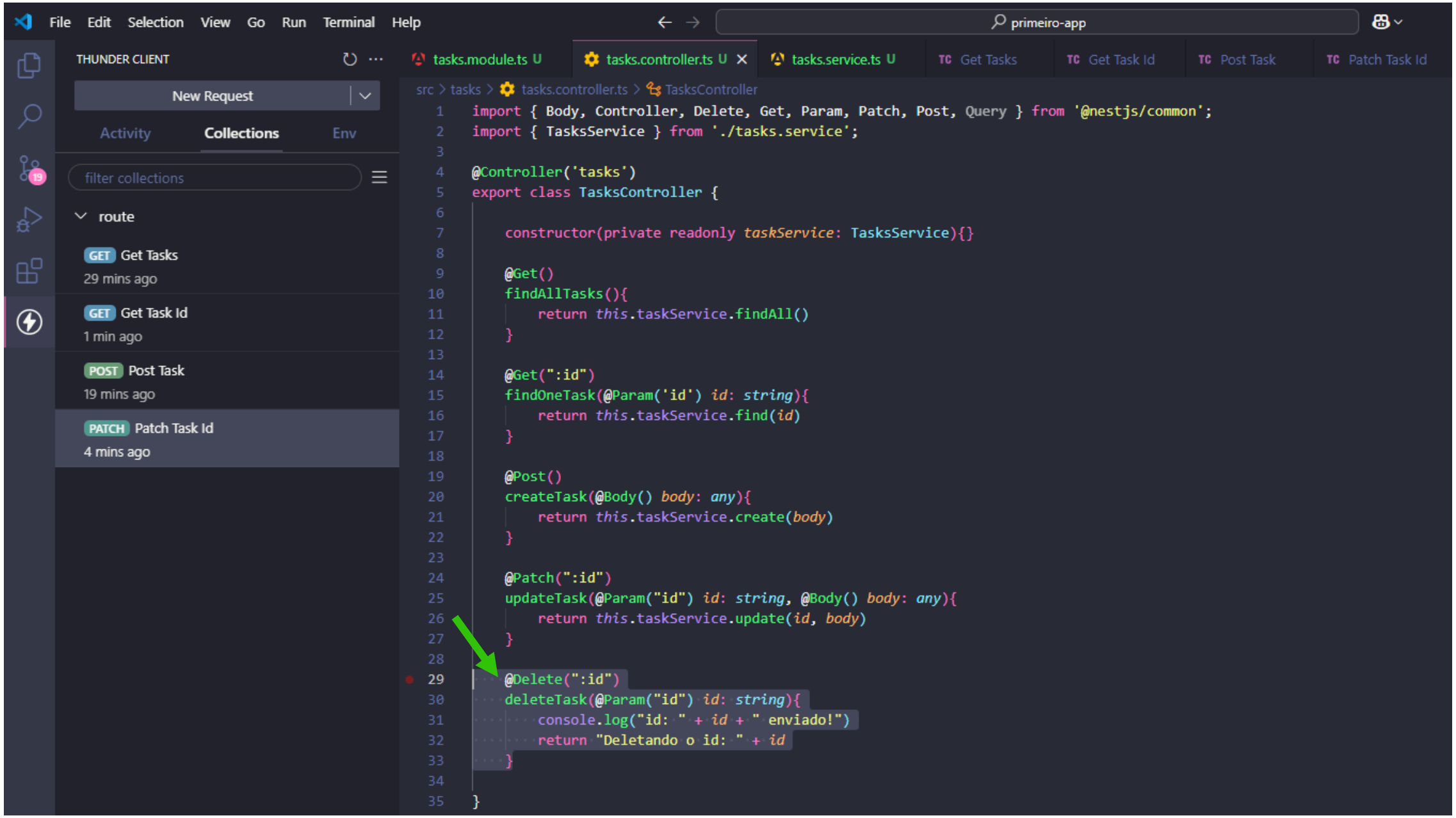

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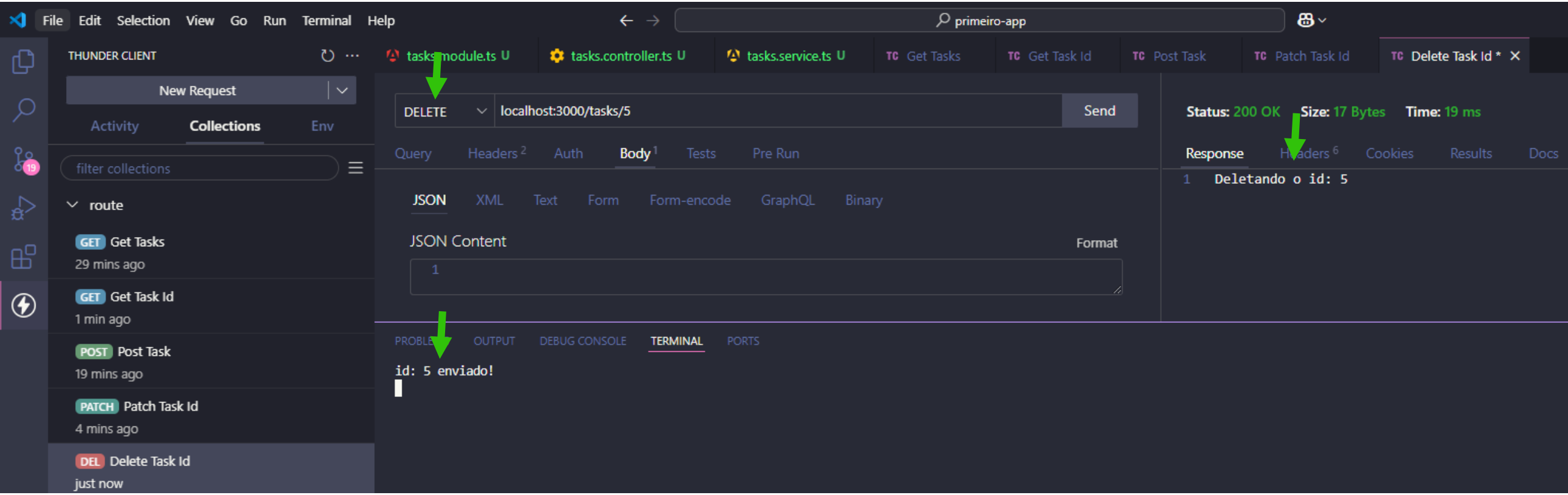

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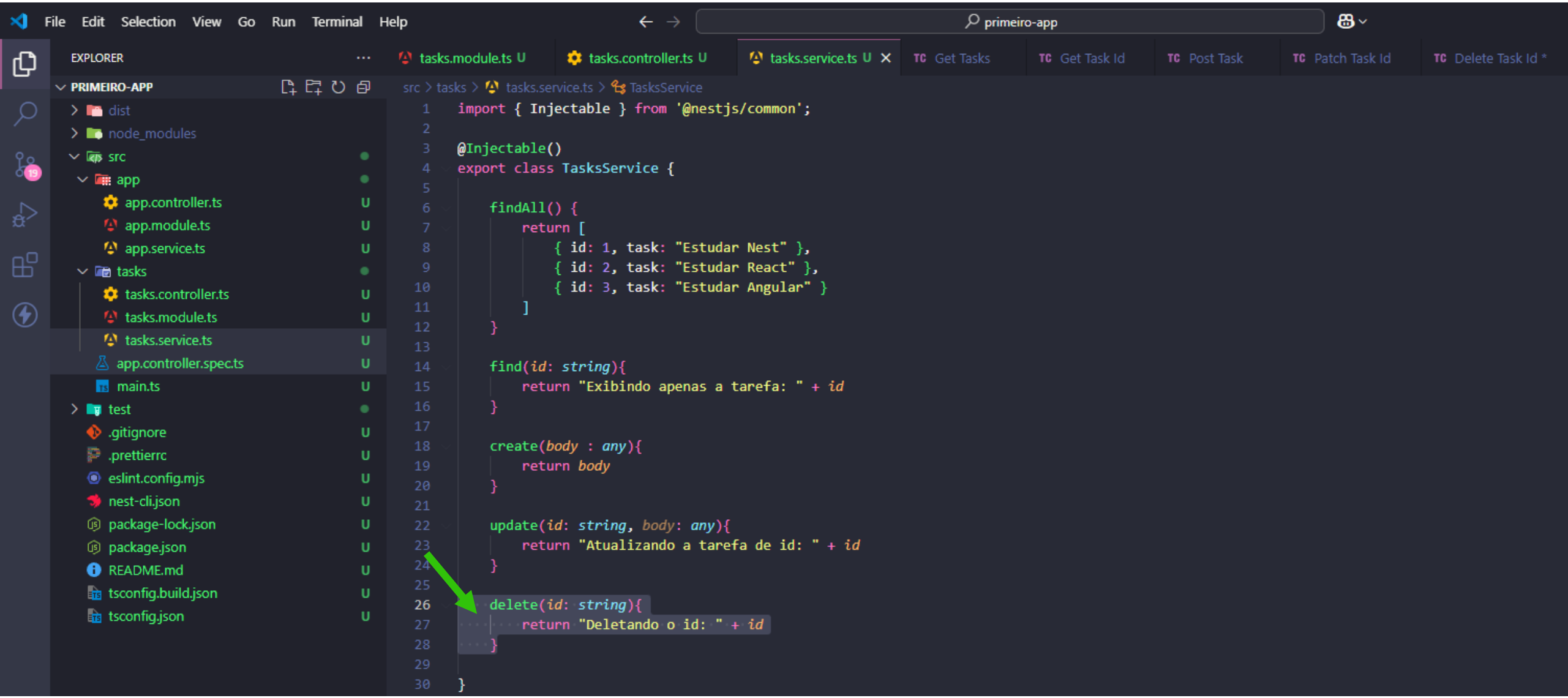

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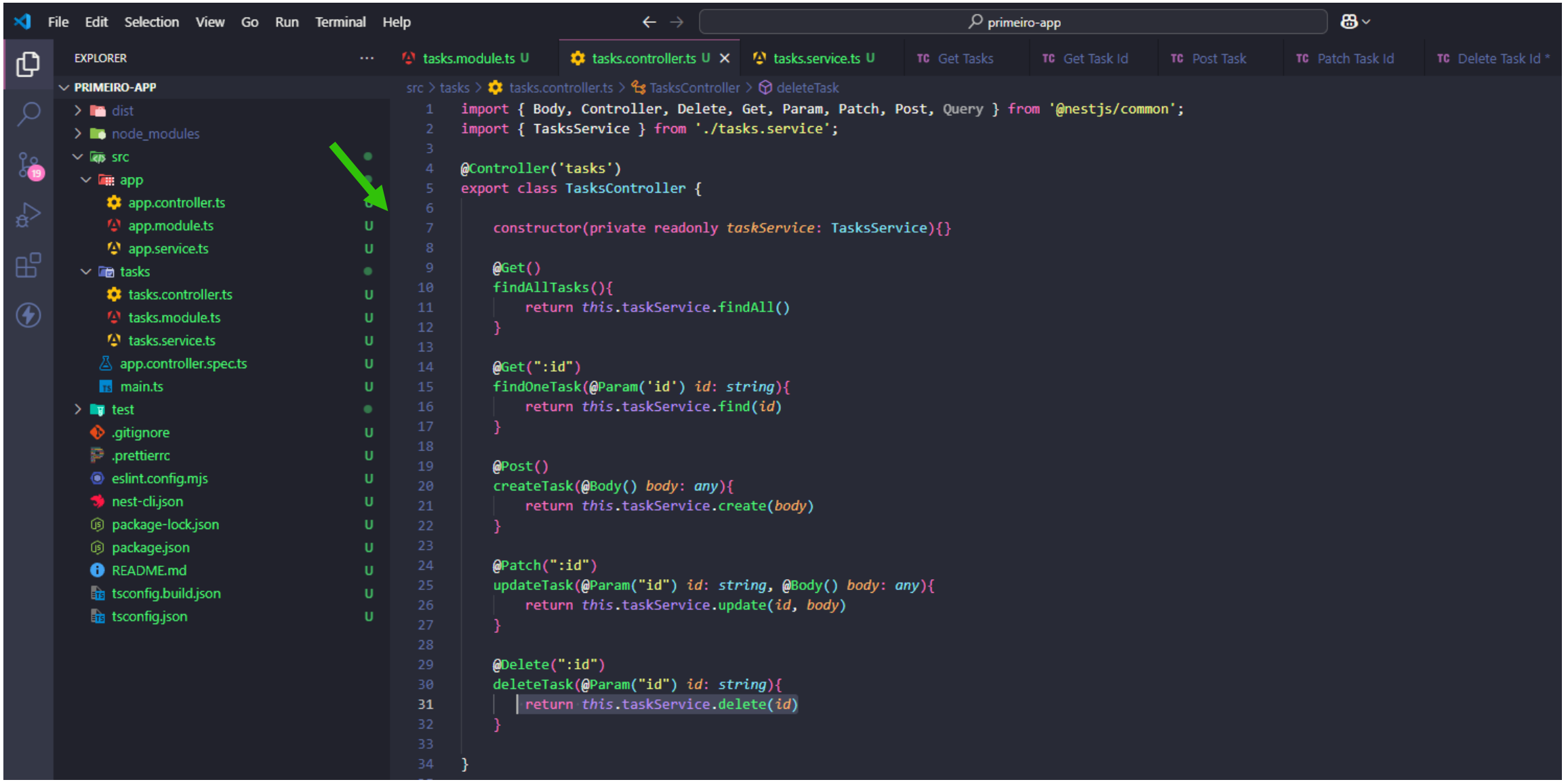

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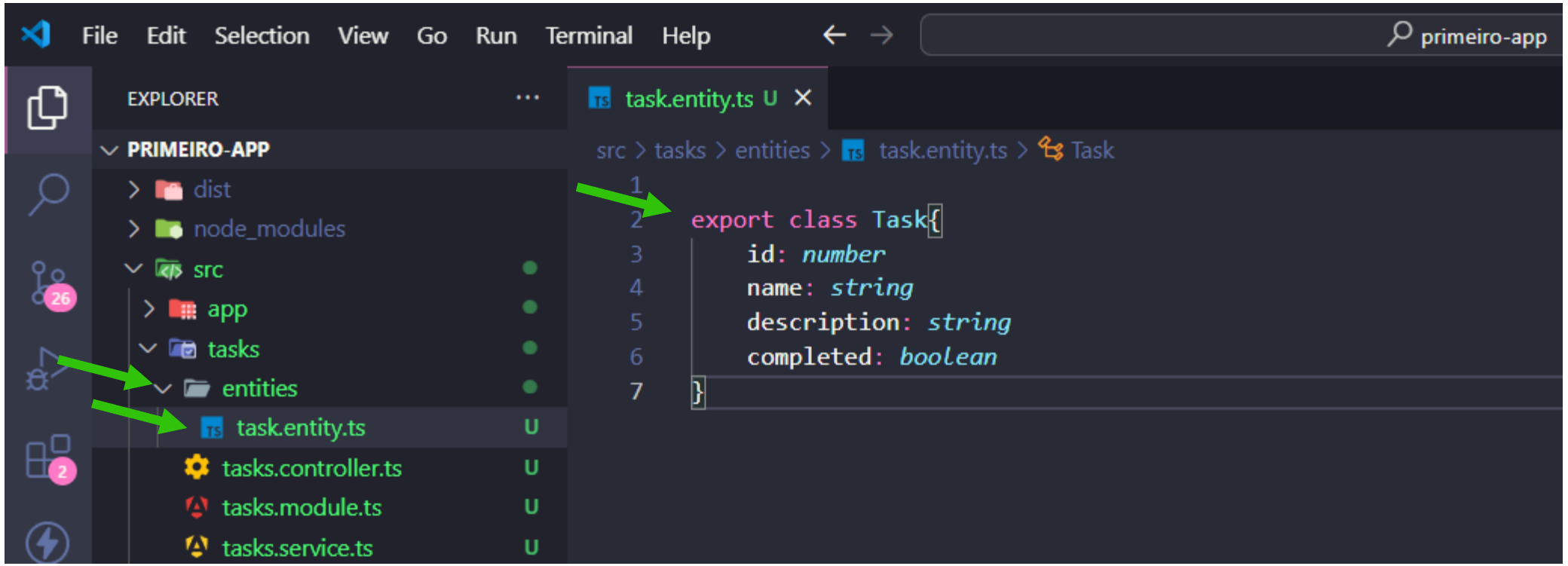

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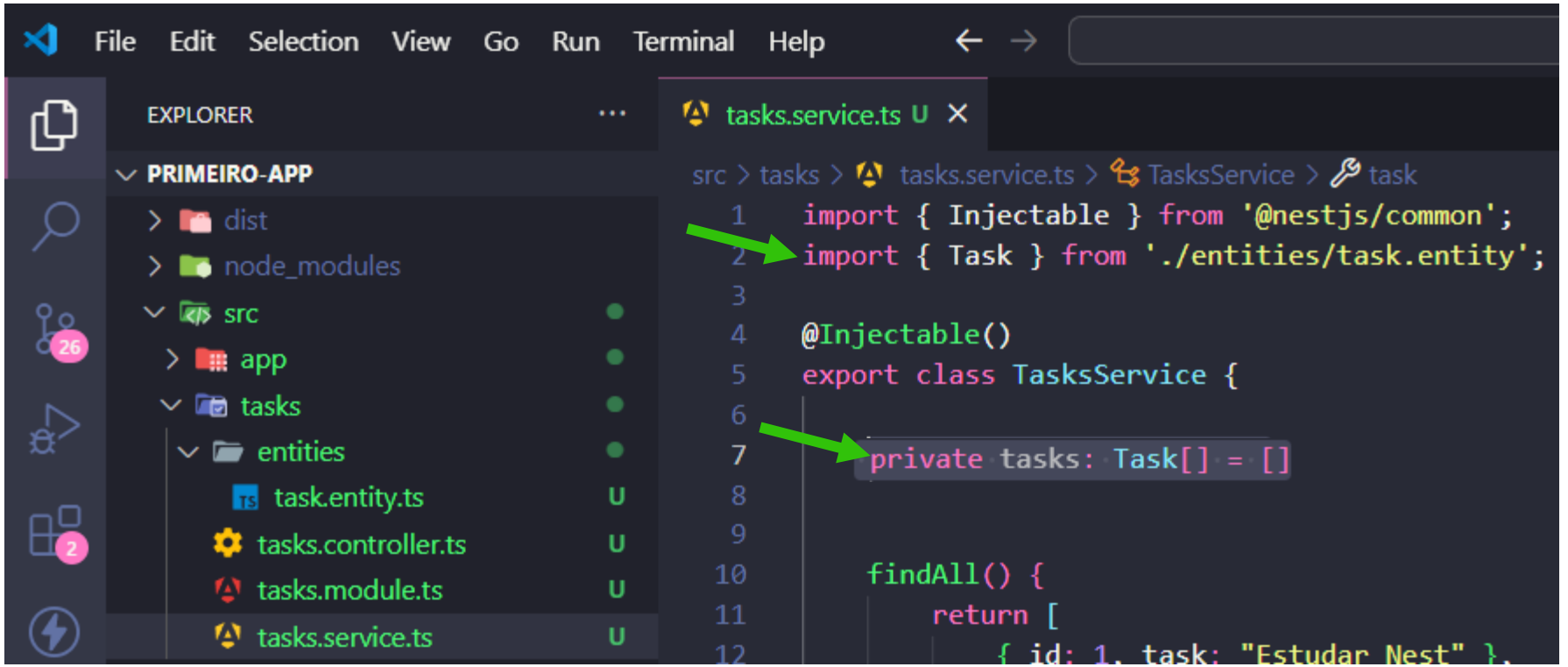

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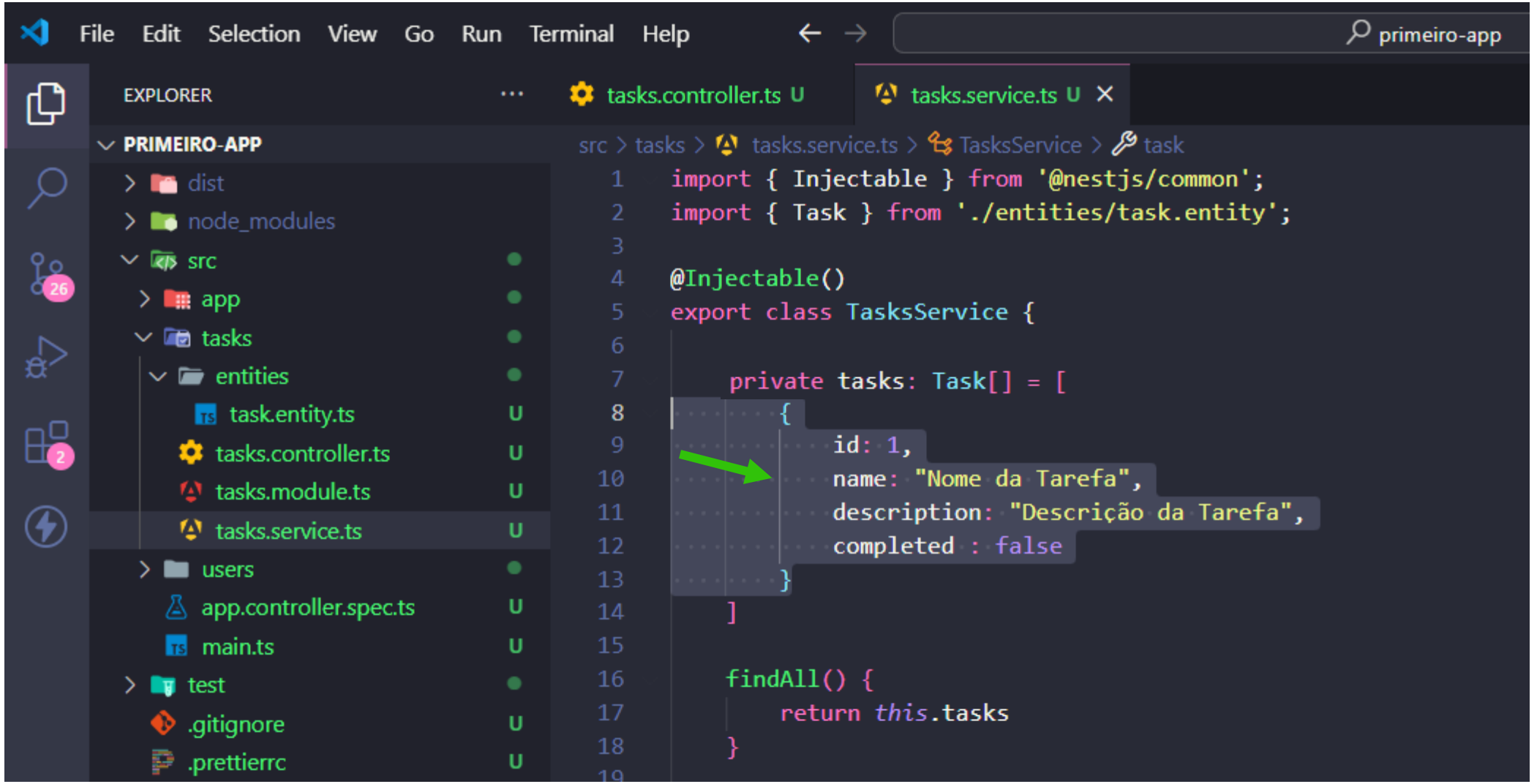

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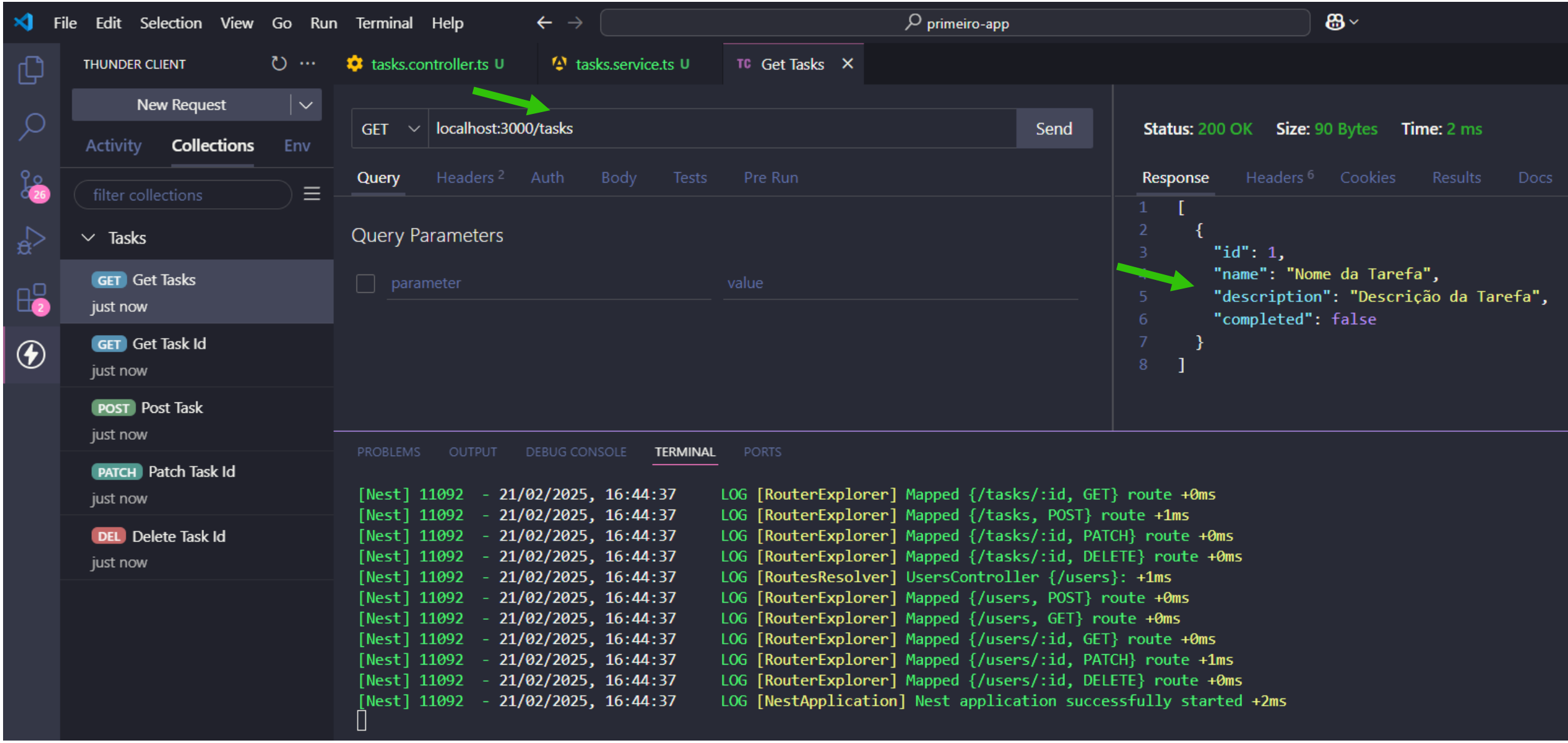

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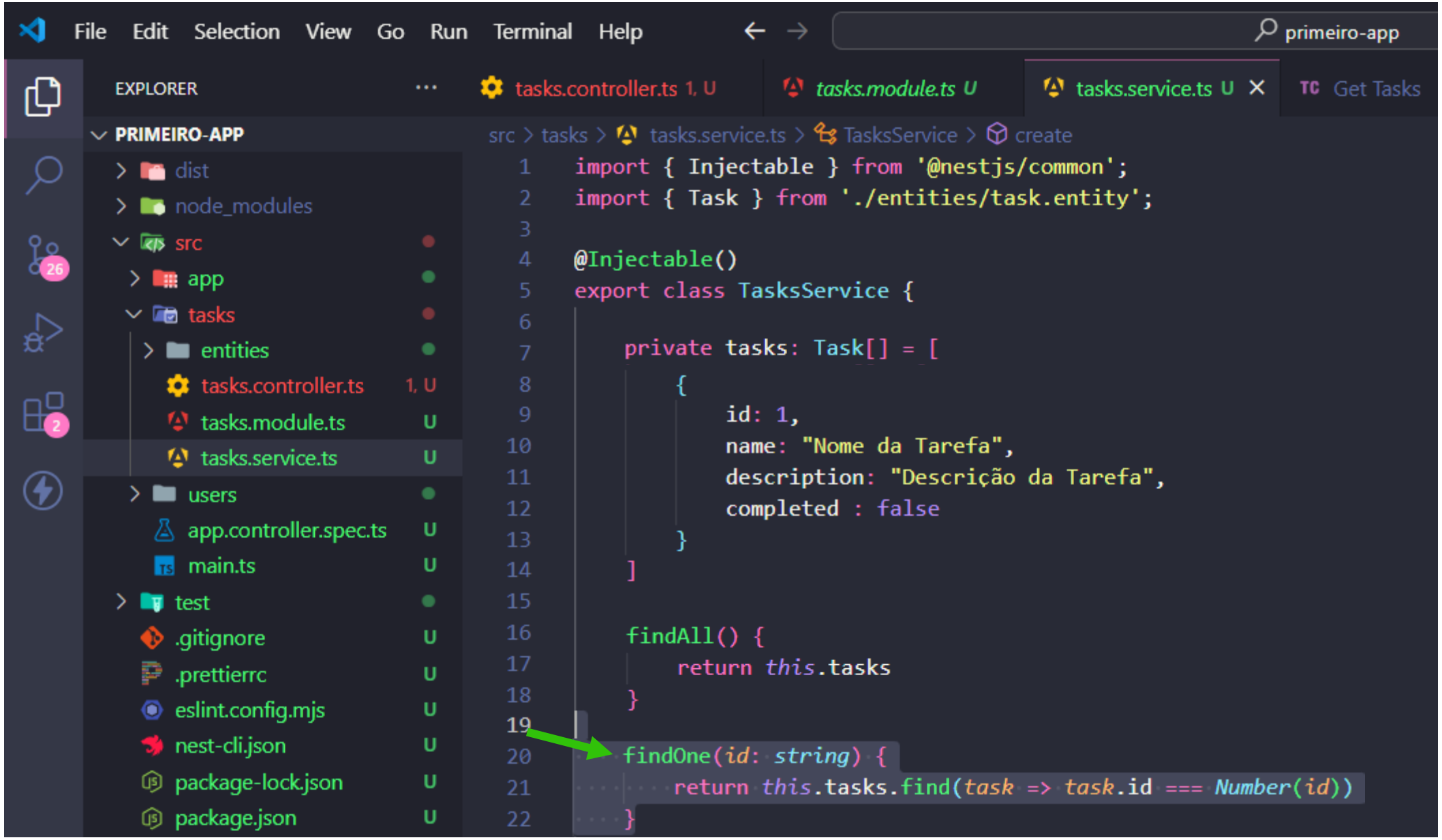

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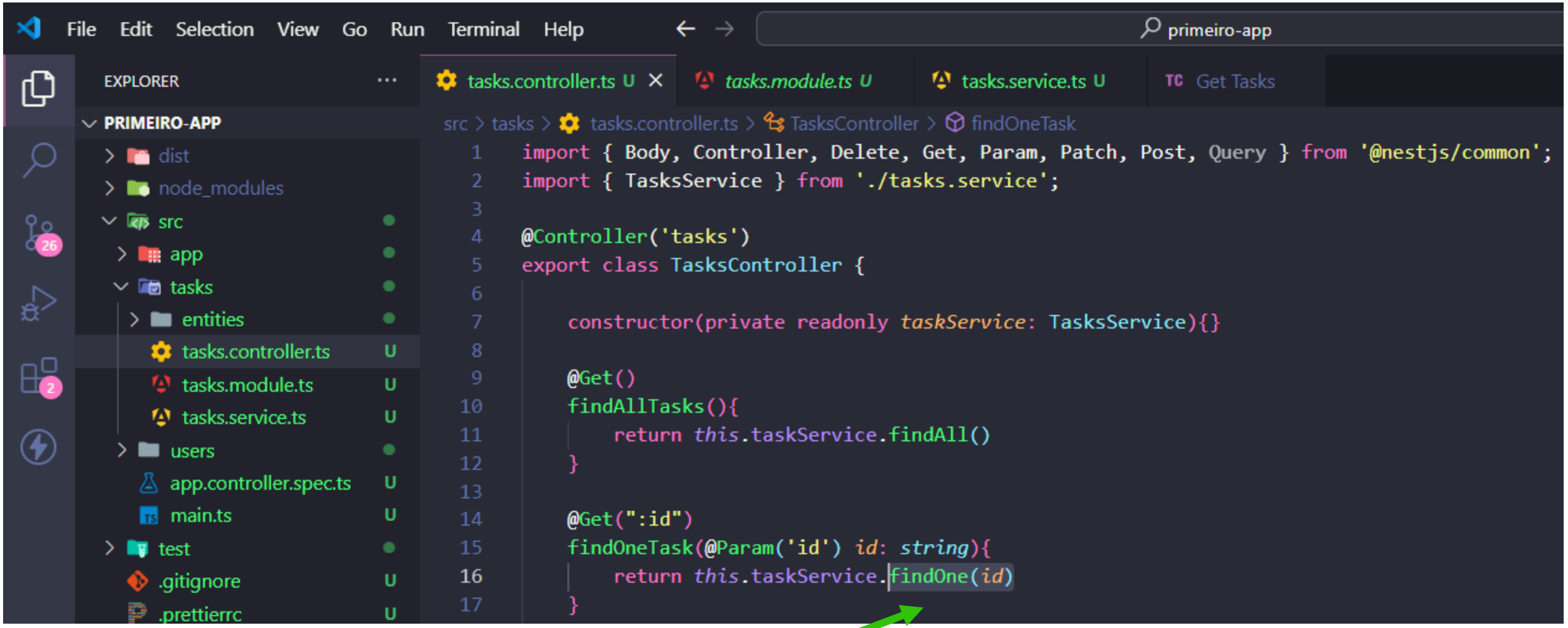

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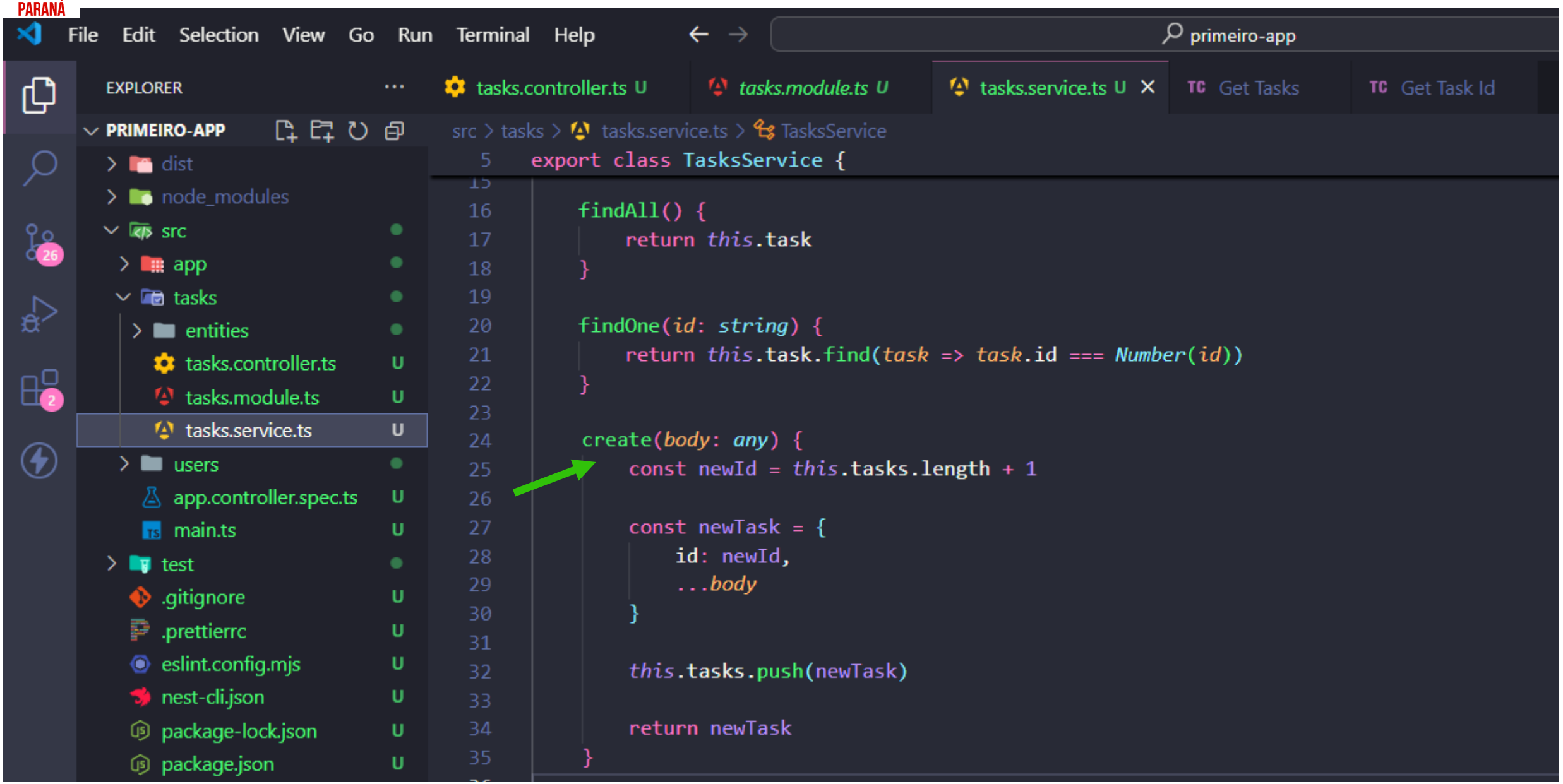

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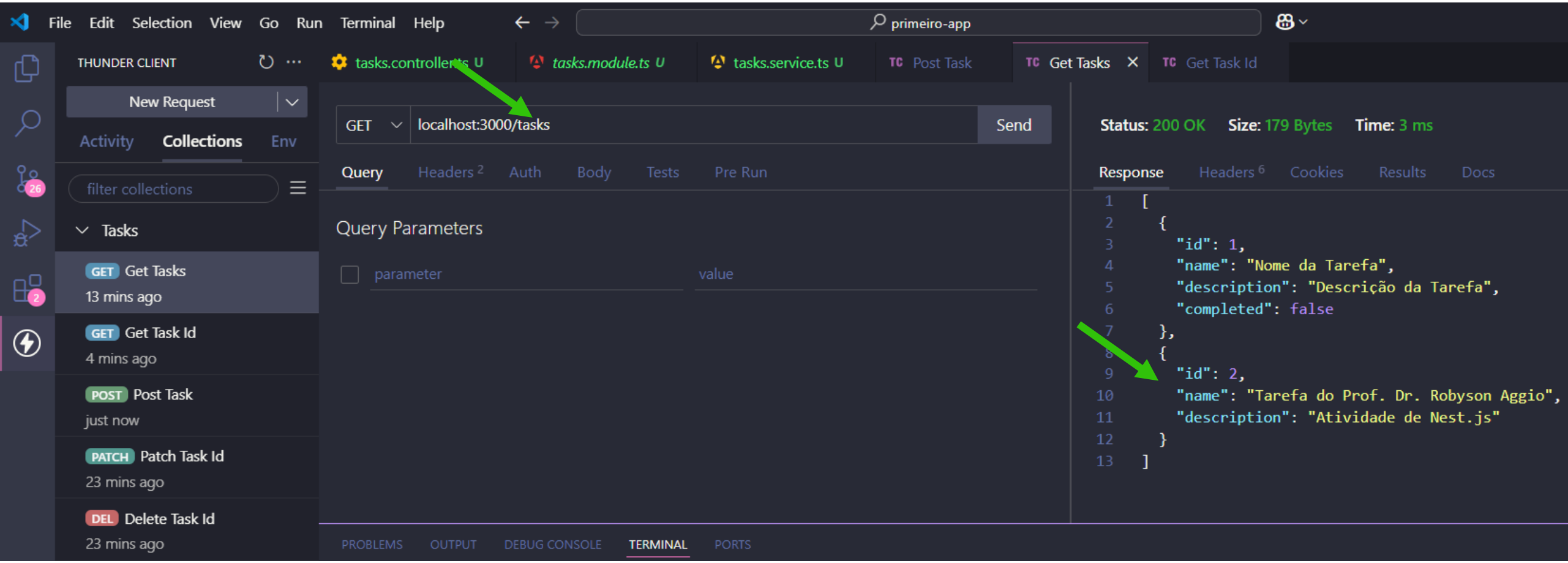

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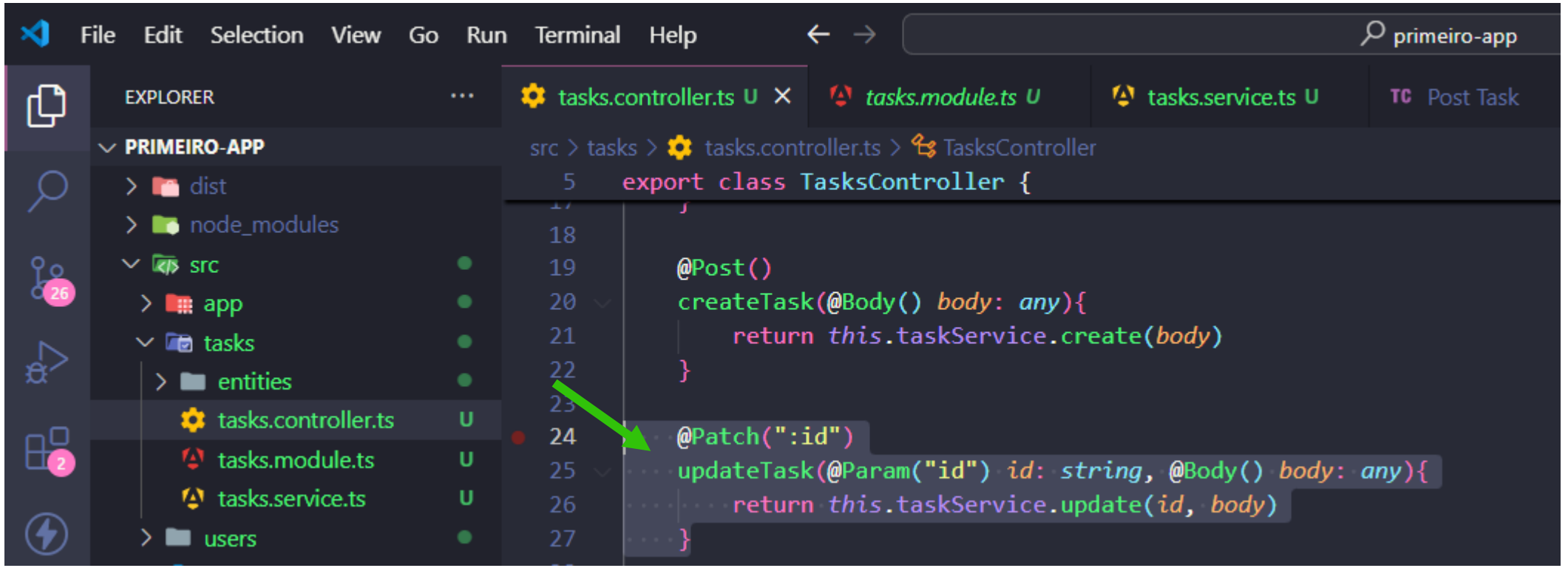

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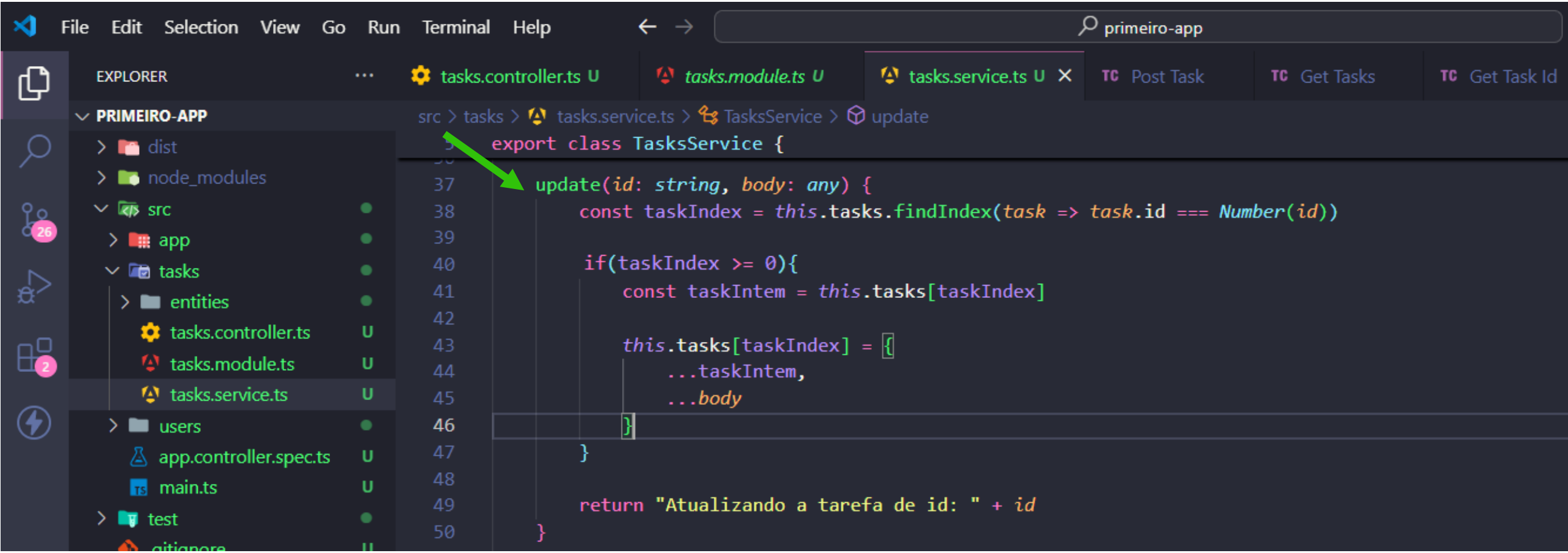

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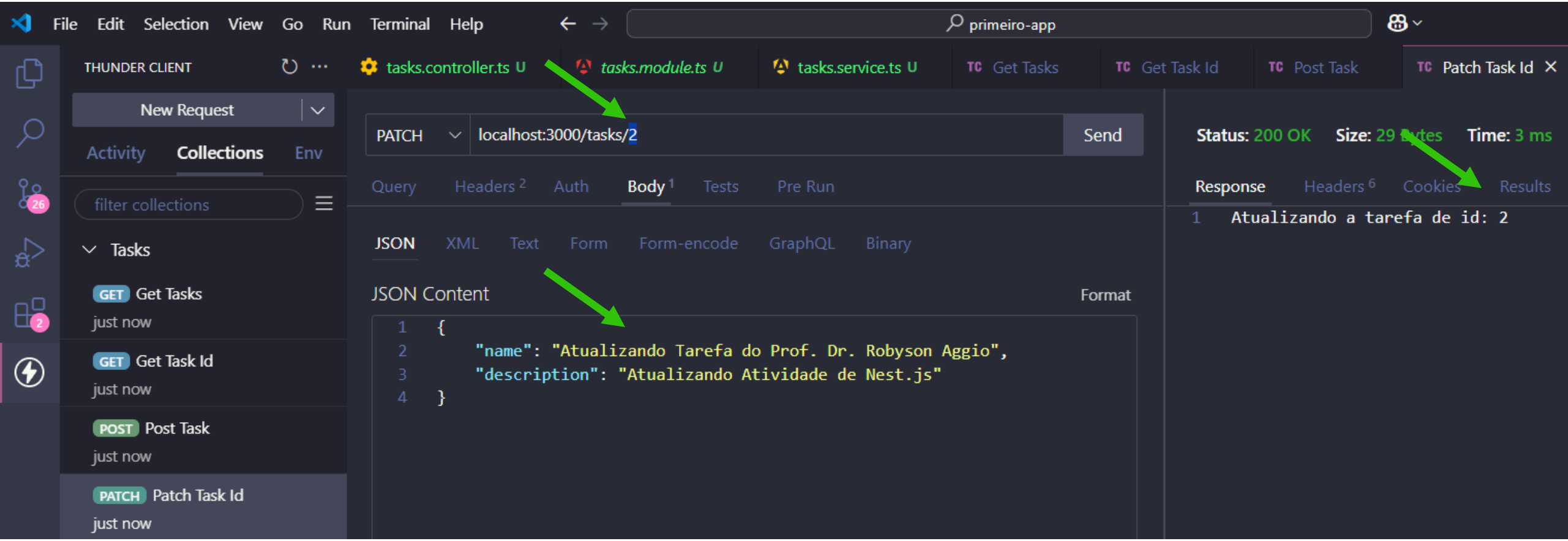

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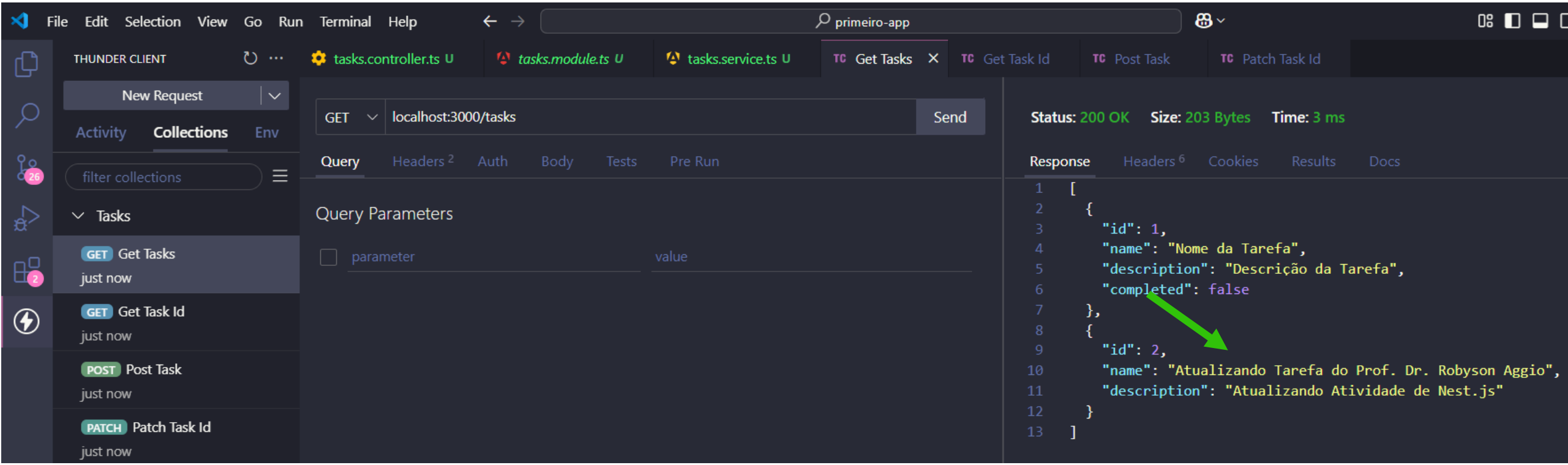

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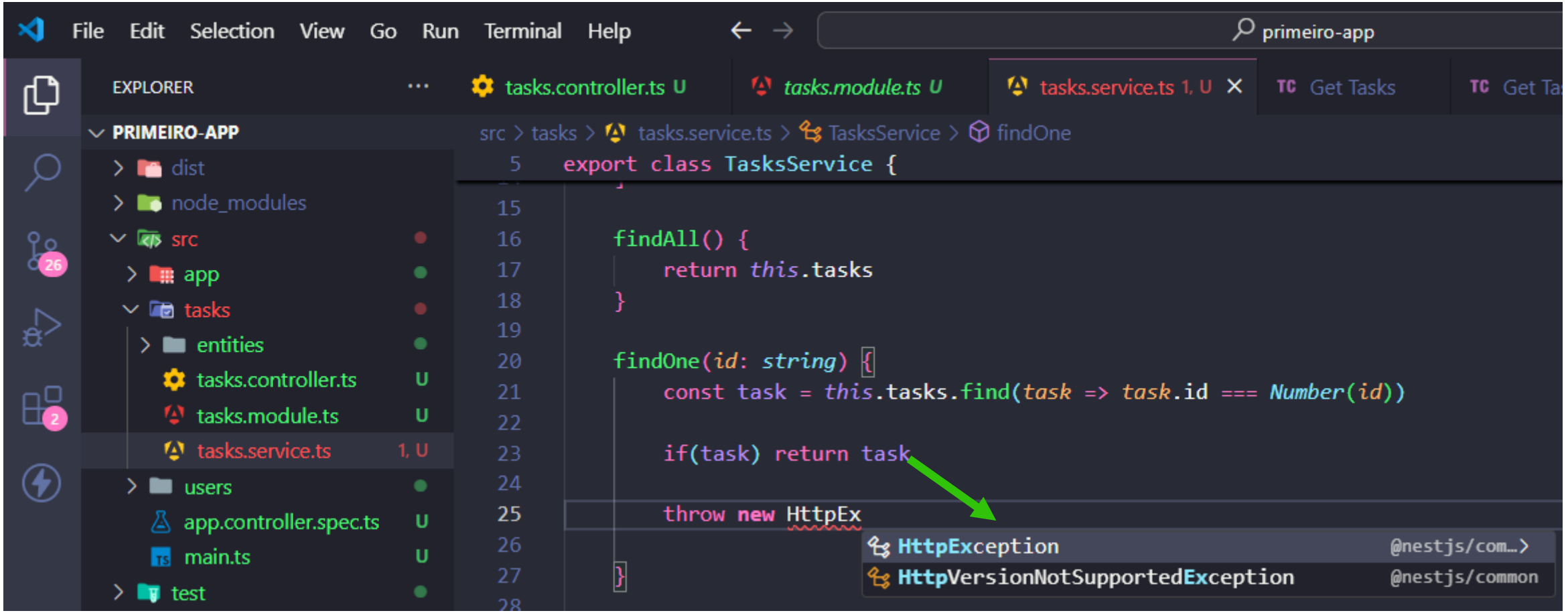

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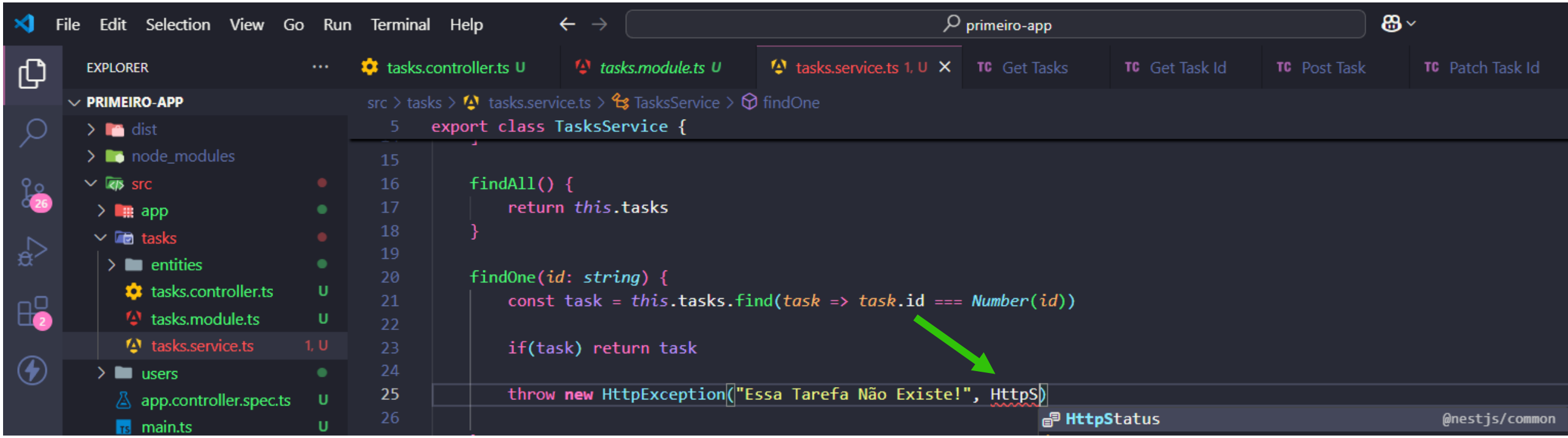

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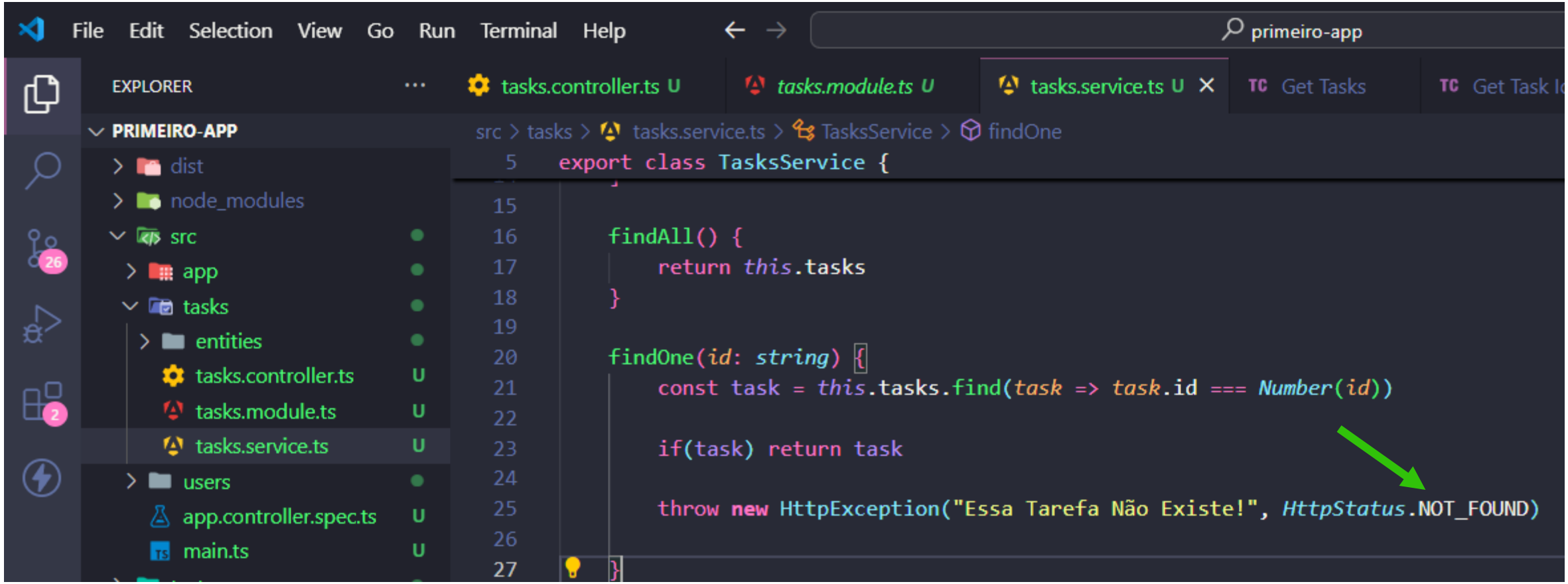

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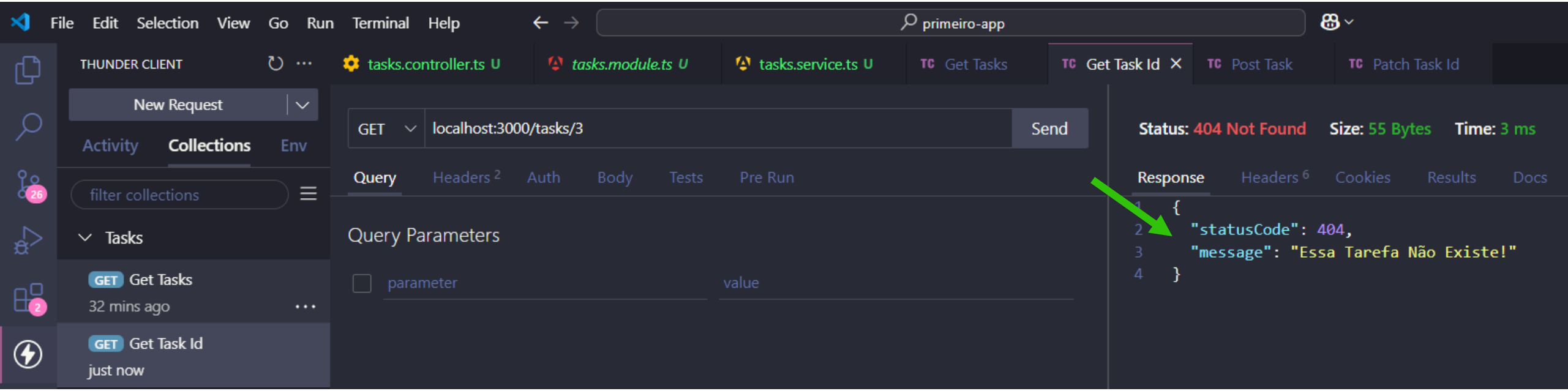

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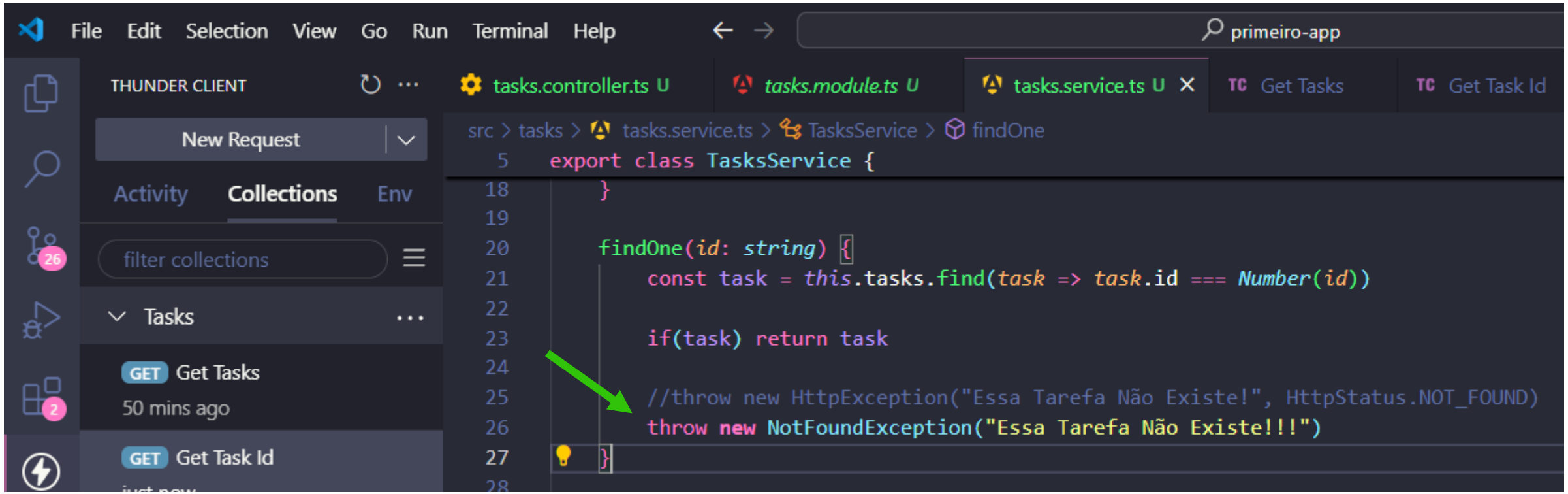

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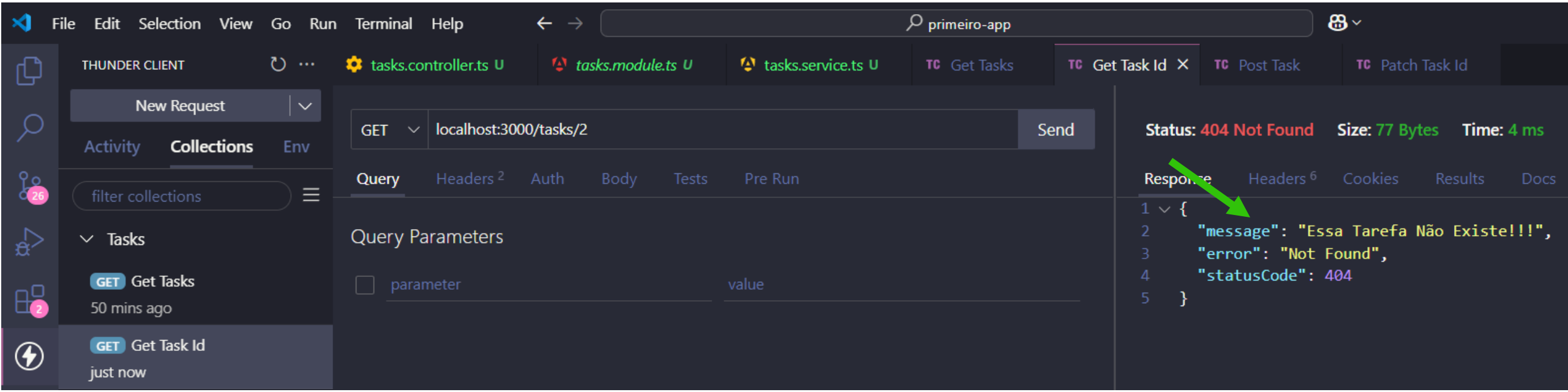

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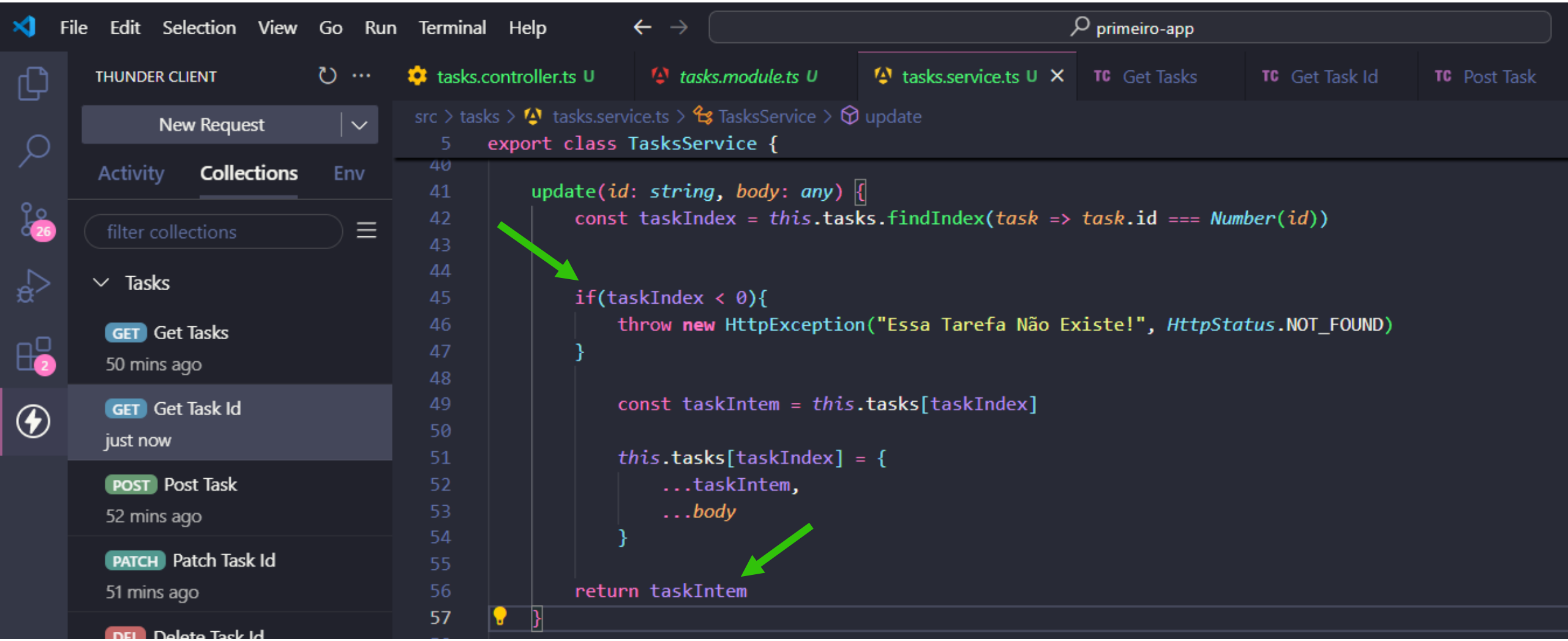

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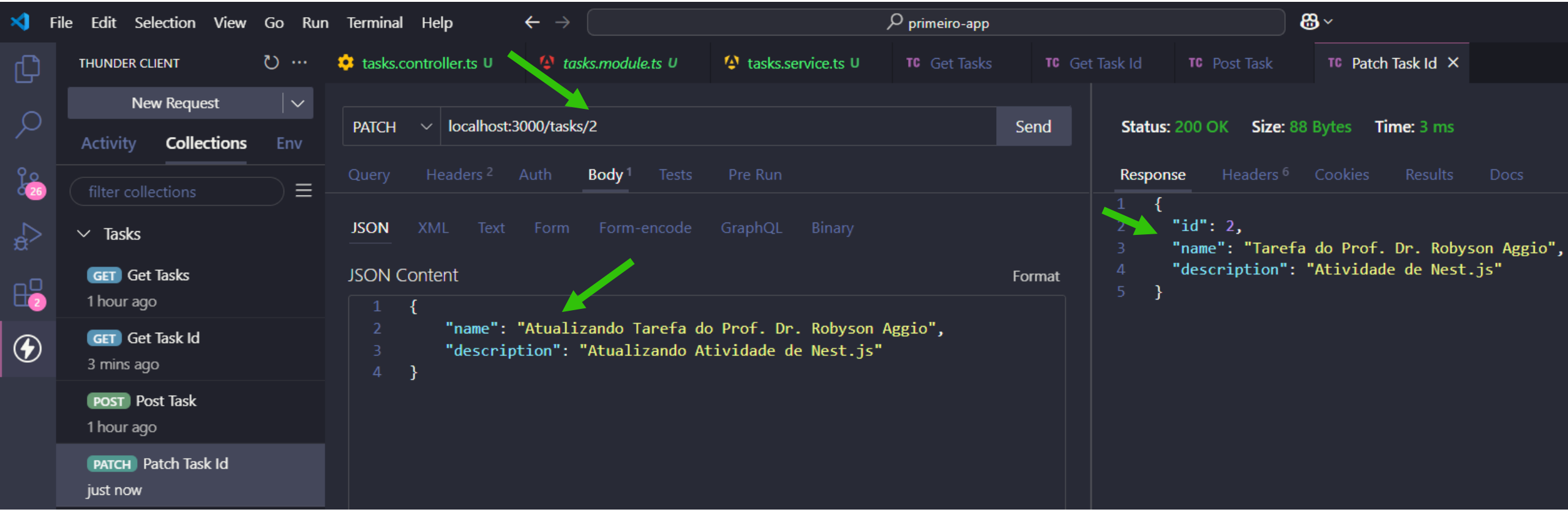

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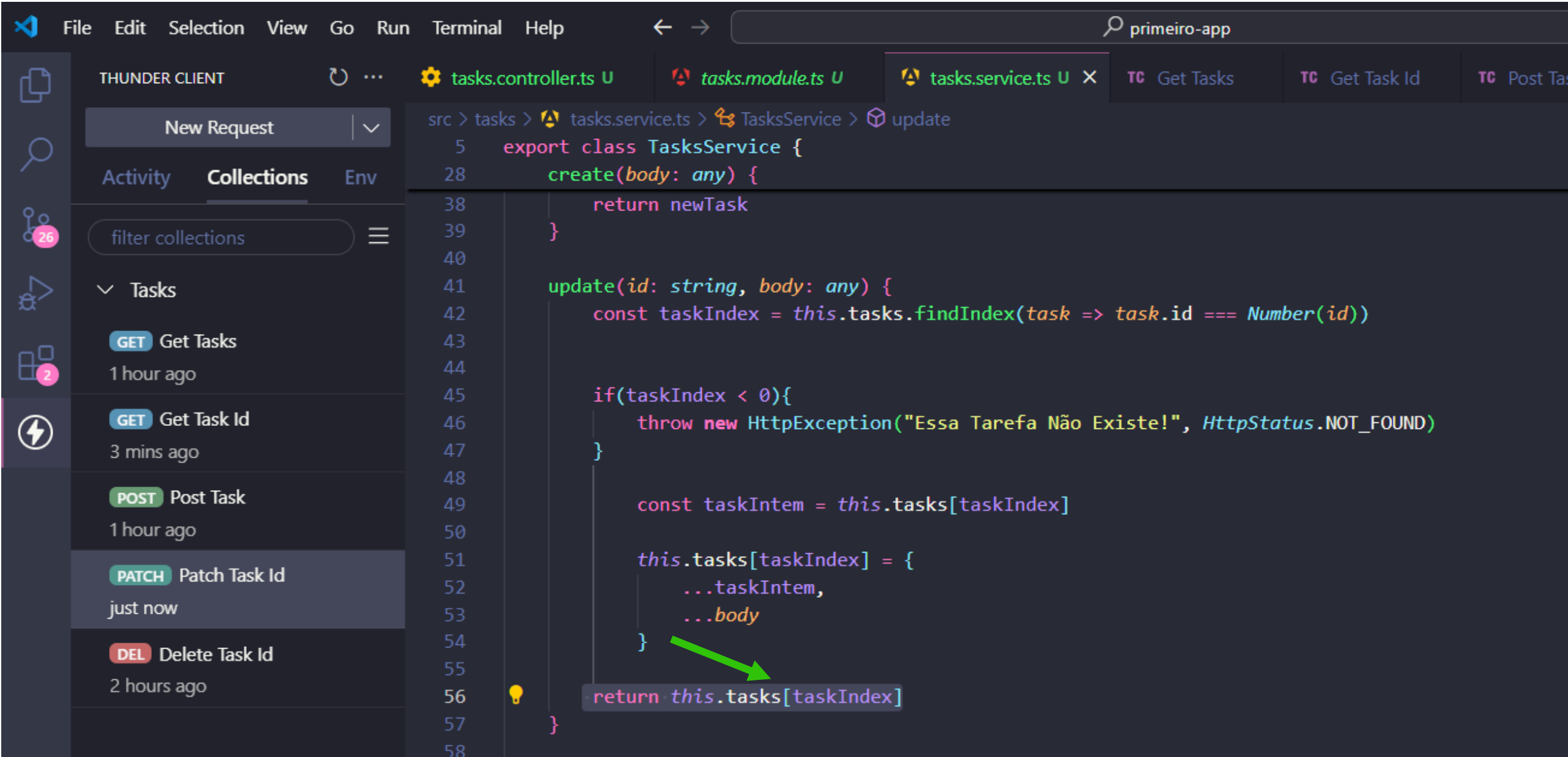

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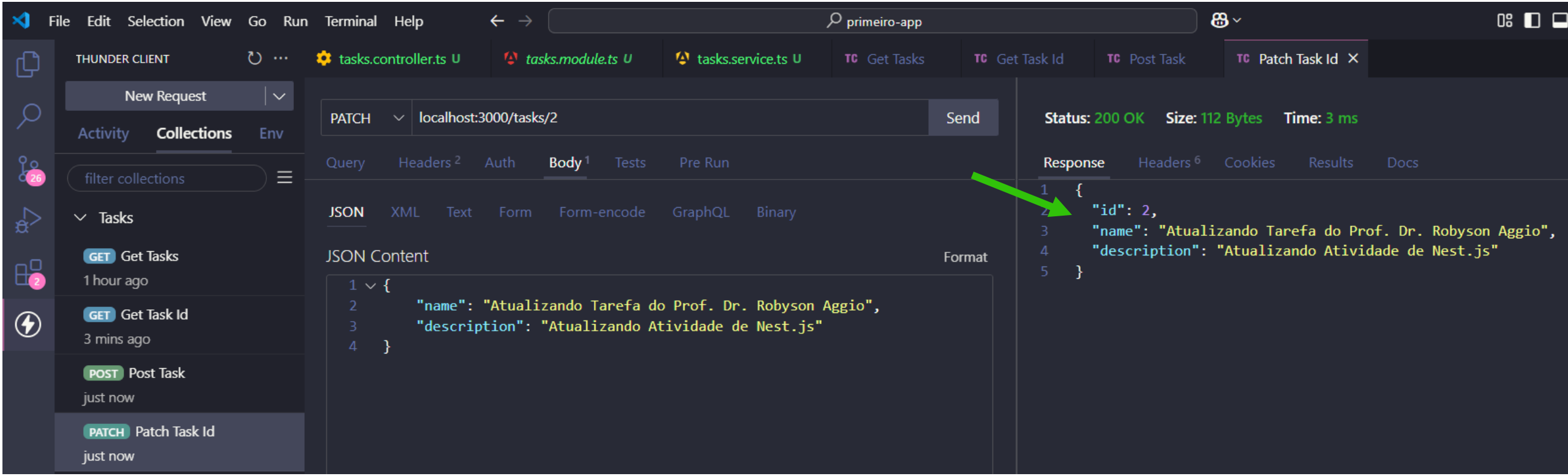
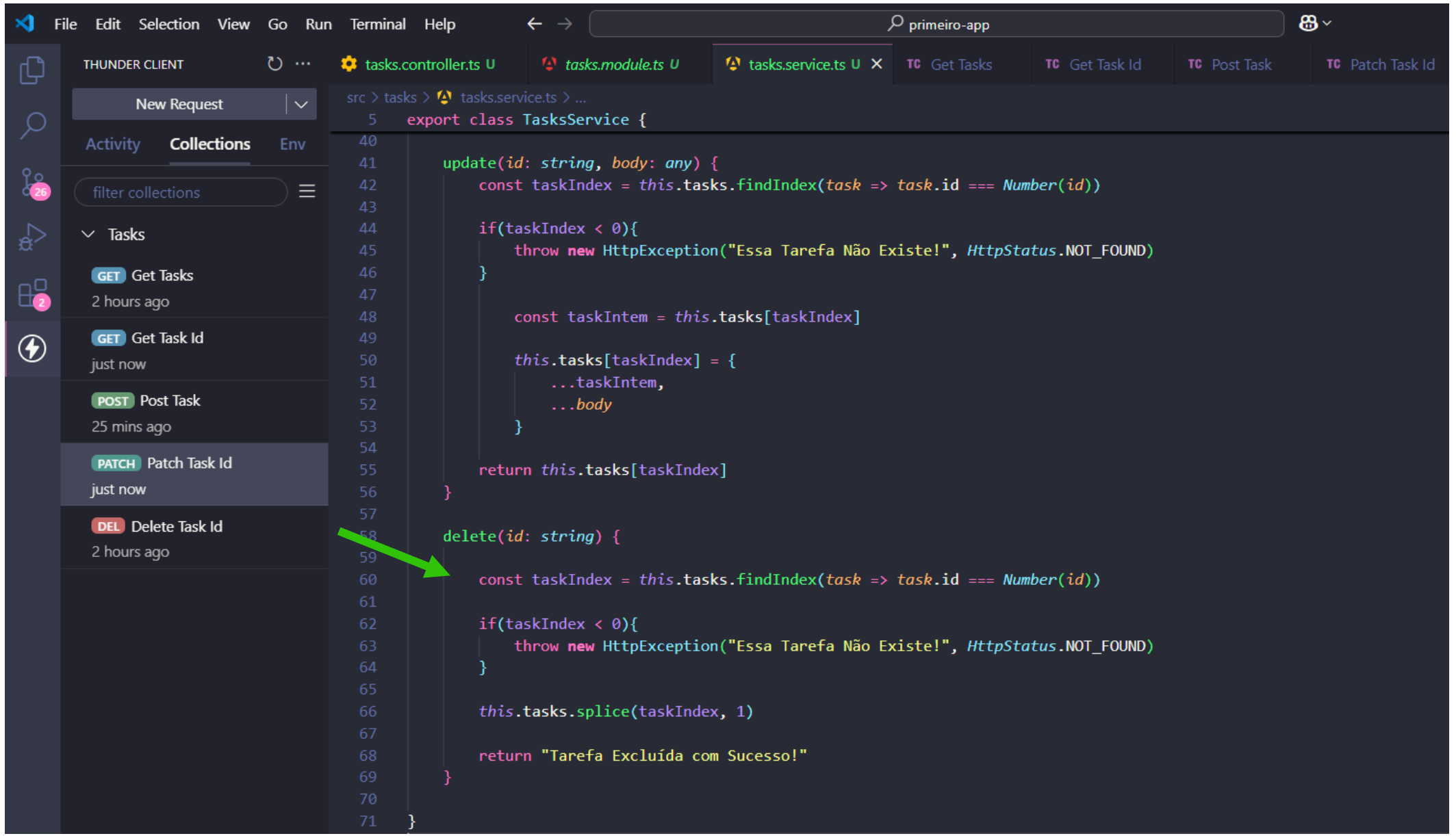
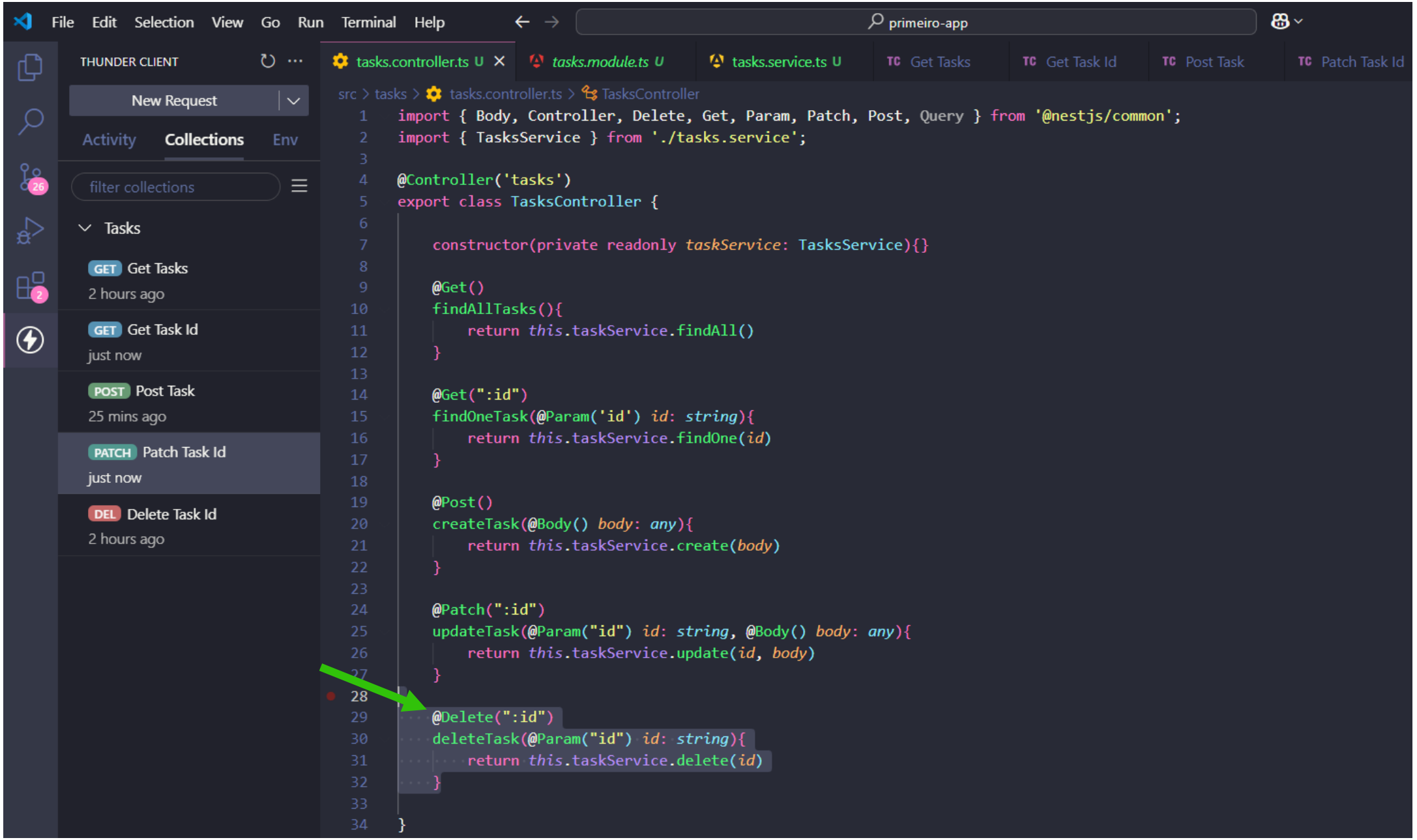


Delete


File Edit Selection View Go Run Terminal Help
primeiro-app
THUNDER CLIENT
New Request
Activity Collections Env
filter collections
Tasks
GET Get Tasks
2 hours ago
GET Get Task Id
just now
POST Post Task
25 mins ago
PATCH Patch Task Id
just now
DEL Delete Task Id
2 hours ago
tasks.controller.ts U
tasks.module.ts U
tasks.service.ts U
Get Tasks
Get Task Id
Post Task
Patch Task Id
src > tasks > tasks.service.ts > ...
export class TasksService {
update(id: string, body: any) {
const taskIndex = this.tasks.findIndex(task => task.id === Number(id))
if(taskIndex < 0){
throw new HttpException("Essa Tarefa Não Existe!", HttpStatus.NOT_FOUND)
}
const taskIntem = this.tasks[taskIndex]
this.tasks[taskIndex] = {
...taskIntem,
...body
}
return this.tasks[taskIndex]
}
delete(id: string) {
const taskIndex = this.tasks.findIndex(task => task.id === Number(id))
if(taskIndex < 0){
throw new HttpException("Essa Tarefa Não Existe!", HttpStatus.NOT_FOUND)
}
this.tasks.splice(taskIndex, 1)
return "Tarefa Excluída com Sucesso!"
}
}

Delete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DEL Delete Task Id
2 hours ago
tasks.controller.ts U
tasks.module.ts U
tasks.service.ts U
Get Tasks
Get Task Id
Post Task
Patch Task Id
src > tasks > tasks.controller.ts > TasksController
import { Body, Controller, Delete, Get, Param, Patch, Post, Query } from '@nestjs/common';
import { TasksService } from './tasks.service';
@Controller('tasks')
export class TasksController {
constructor(private readonly taskService: TasksService){}
@Get()
findAllTasks(){
return this.taskService.findAll()
}
@Get(":id")
findOneTask(@Param('id') id: string){
return this.taskService.findOne(id)
}
@Post()
createTask(@Body() body: any){
return this.taskService.create(body)
}
@Patch(":id")
updateTask(@Param("id") id: string, @Body() body: any){
return this.taskService.update(id, body)
}
@Delete(":id")
deleteTask(@Param("id") id: string){
return this.taskService.delete(id)
}
}

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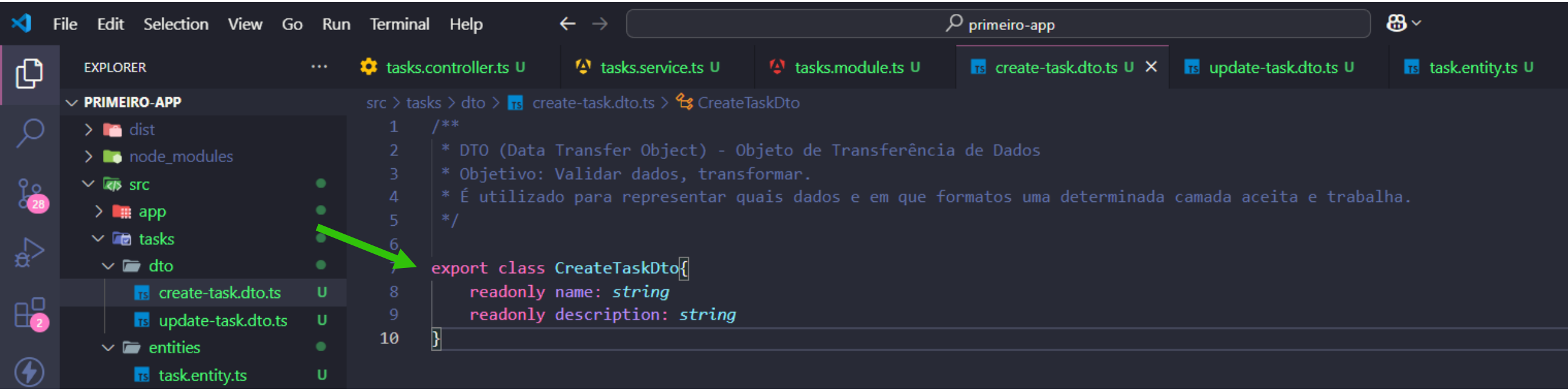
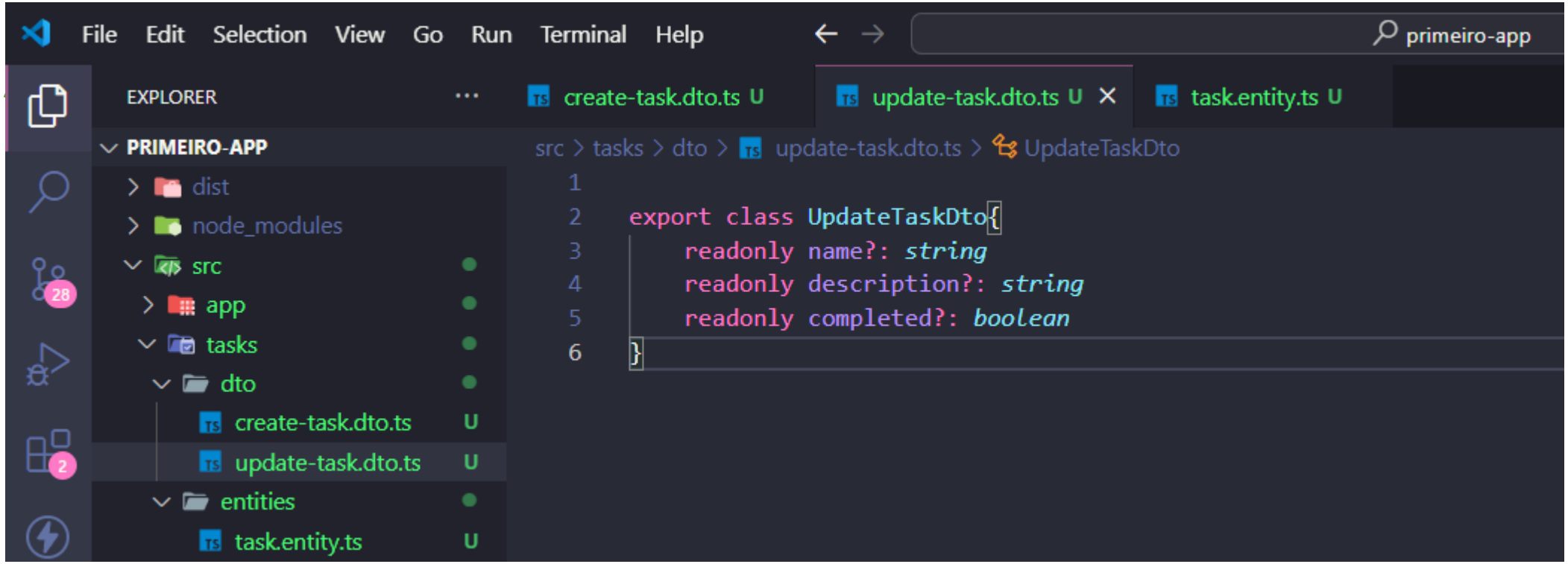
Criando DTO



Atualizando DTO



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primeiro-app

EXPLORER

PRIMEIRO-APP

- dist
- node_modules
- src
  - app
  - tasks
    - dto
      - create-task.dto.ts U
      - update-task.dto.ts U
    - entities
      - task.entity.ts U
    - tasks.controller.ts U
    - tasks.module.ts U
    - tasks.service.ts U
  - users
  - app.controller.spec.ts U
  - main.ts U
- test
- .gitignore U
- .prettierrc U
- eslint.config.mjs U
- nest-cli.json U
- package-lock.json U
- package.json U
- README.md U
- tsconfig.build.json U
- tsconfig.json U

create-task.dto.ts U | tasks.controller.ts U | tasks.service.ts U | update-task.dto.ts U | task.entity.ts U

src > tasks > tasks.controller.ts > TasksController

```ts
import { Body, Controller, Delete, Get, Param, Patch, Post, Query } from '@nestjs/common';
import { TasksService } from './tasks.service';
import { CreateTaskDto } from './dto/create-task.dto';
import { UpdateTaskDto } from './dto/update-task.dto';

@Controller('tasks')
export class TasksController {

    constructor(private readonly taskService: TasksService){}

    @Get()
    findAllTasks(){
        return this.taskService.findAll()
    }

    @Get(":id")
    findOneTask(@Param('id') id: string){
        return this.taskService.findOne(id)
    }

    @Post()
    createTask(@Body() createTaskDto: CreateTaskDto){
        return this.taskService.create(createTaskDto)
    }

    @Patch(":id")
    updateTask(@Param("id") id: string, @Body() updateTaskDto: UpdateTaskDto){
        return this.taskService.update(id, updateTaskDto)
    }

    @Delete(":id")
    deleteTask(@Param("id") id: string){
        return this.taskService.delete(id)
    }

}
```

File Edit Selection View Go Run Terminal Help

primeiro-app

EXPLORER

PRIMEIRO-APP

- dist
- node_modules
- src
  - app
  - tasks
    - dto
      - create-task.dto.ts U
      - update-task.dto.ts U
    - entities
      - task.entity.ts U
    - tasks.controller.ts U
    - tasks.module.ts U
    - tasks.service.ts U
  - users
  - app.controller.spec.ts U
  - main.ts U
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- eslint.config.mjs U
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- README.md U
- tsconfig.build.json U
- tsconfig.json U

create-task.dto.ts U | tasks.controller.ts U | tasks.service.ts U | update-task.dto.ts U | task.entity.ts U

src > tasks > tasks.service.ts > TasksService > delete

```
7   export class TasksService {
29
30      create(createTaskDto: CreateTaskDto) {
31          const newId = this.tasks.length + 1
32
33          const newTask = {
34              id: newId,
35              ...createTaskDto,
36              completed: false
37          }
38
39          this.tasks.push(newTask)
40
41          return newTask
42      }
43
44      update(id: string, updateTaskDto: UpdateTaskDto) {
45          const taskIndex = this.tasks.findIndex(task => task.id === Number(id))
46
47          if(taskIndex < 0){
48              throw new HttpException("Essa Tarefa Não Existe!", HttpStatus.NOT_FOUND)
49          }
50
51              const taskIntem = this.tasks[taskIndex]
52
53              this.tasks[taskIndex] = {
54                  ...taskIntem,
55                  ...updateTaskDto
56              }
57
58          return this.tasks[taskIndex]
59      }
```

INSTITUTO FEDERAL
PARANÁ

Atividade

1) Dentro de cada camada: Guests, Users e Teachers, implemente os verbos: Post, Patch e Delete

2) Crie a pasta entities para cada camada e a respectiva Entidade.

3) Crie a pasta dto para cada camada e dentro os arquivos: create*Dto e update*Dto

4) Teste todos os verbos HTPP (Get, Post, Patch, Delete)