

## Please read the whole file before starting to code.

Create a to-do list using RESTful apis

1 - Each todo should belongs to it's creator and should have the following attributes

- content: String
- createdAt: Date
- updatedAt: Date

2- User should have the ability to create a Todo

### GREENS ARE BONUS

| HTTP Method | route      | Description  |
|-------------|------------|--|
| post        | /users     | - Register a user with the following <b>required</b> attributes Username<br>Notes:   |
| GET         | /users     | Return the username of registered users  |
| DELETE      | /users/:id | Delete the user with selected id   |
| PATCH       | /users/:id | - Edit the user with the selected id<br>- Return ({message:"user was edited successfully", user: theUserAfterEdit}) if success |
| GET         | /todos/:id | Get one todo   |
| GET         | /todos     | Get all todos  |
| POST        | /toods     | Create new todo<br>({content})<br>Return the new todo to the user  |

|        |                         |  |
|--------|-------------------------|--|
| PATCH  | /todos/:id              | Edit todo  |
| DELETE | /todos/:id              | Delete todo  |
| GET    | /todos/:userId          | Return the todos of specific user  |
| GET    | /todos?limit=10&skip=10 | Return the posts with specific required filters<br>(defaults are limit 10 skip 0 ) |

### **Notes:**

- Please make sure that you separate your logic in functions
- Make the names of your functions and variables are expressive of what they are
- Start by defining each functionality and the steps you should make to achieve it
- Before writing a function, ask yourself, is there a function in javascript that can do that, if not, write your own.
- You initialize your app with npm init to be able to use npm and download packages
- Take a minute or two to read the package.json file

### **Tips:**

- If you can't do something, search, then ask for help, this is not an exam.
- Please please please, don't copy someone else's code.
- Make sure to take a few minutes to read about the commander library that you'll be using.
- Start with implementing the required then move to the bonus

### **Useful Links:**

- [npm | build amazing things](#)
- Nodejs [Docs](#)

## **READ THE DOCS**

- [Sequelize](#)