

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

Create a to-do list cli that contains the following commands :

### 1 - Users can add entry,

Options:

-t / --title indicates the title of entry, ( required)

Example

```
node index.js add -t "To do entry"
```

Notes:

The entry should contain an incremental id

### 2 - Users Can list Entries

- All entries:

```
node index.js list
```

### 3 - Users can edit their entry through the id

- Make individual edits

Options:

-t / --title: for editing title (required)

-i/ --id : id (required)

Examples

```
node index.js edit -t "Edited title" --id 123
```

====> will edit entry with id 123 to be "Edited title"

### 4 - Users can delete their entry using their id

Example

```
node index.js delete 123
```

## **Bonus:**

1 - Entries is added by default with status property which has "to-do" value

2 - edit

Users can mark their entry as done by id

Options :

-s/--status one of the values ["to-do","in progress","done"]

Examples:

```
node index.js edit -s "done" -t "Edited title" --id 123
```

Note:

In this case user should specify -t or -s or both

3 - list:

- Specific status using -s -- status

Options:

-s/--status one of the values ["to-do", "in progress", "done"] (optional parameter)

Example:

node index.js list -s "done"

### **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
- Please make sure not to pollute the global scope[refrain from using global variables]
- 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 library docs that you'll be using.
- Start with implementing the required then move to the bonus

### **Useful Links:**

- [Install node](#)
- [npm | build amazing things](#)
- Nodejs [Docs](#)
- [Nodejs guide](#)
- For writing and reading files you can use this library on npm [fs-extra](#).
- **Cli helper library name is commander or inquirer, search for it at npm.**

Please send the labs to either, please write your name and ITI\_ISMAILIA\_41, lab01 in the title of the email, also the name of the folder and I'll reply to each e-mail with the notes and comments.

OR email me the github link, make sure to ignore the node modules folder

-- [mohammedessehemy@gmail.com](mailto:mohammedessehemy@gmail.com)

-- [mohamednasser20446@gmail.com](mailto:mohamednasser20446@gmail.com)

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