

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,

Example

```
node index.js add "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

Examples

```
node index.js edit 123 "Edited title"
```

==> 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
```

Bouns:

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 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](#)
- Fs module docs [fs](#) (you will need to use the sync version of the functions)[ends with the word Sync]
- Cli helper library name is commander, search for it at npm.

Please send the labs to either, please write your name and 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 module folder

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