

NotesApp

A NodeJS App which takes Notes

- Add note -> Requires user to enter Title and Body of the note and adds the note to our database (json file)
- Remove note -> Requires user to enter the Title of the note they want to remove and removes that note
- List notes -> Lists the title of all the notes present
- Read note -> Requires user to enter the title of the note they want to read and displays the body of that note on the terminal

How to run

To get started:

Install all project dependencies with `npm install`

Notable dependencies:

```
"chalk": "^4.1.2",  
  
"lodash": "^4.17.21",  
  
"yargs": "^17.1.1"
```

How to use it

To use the app simply run it from the command line. Pass the `help` option to see the commands available:

```
> node NotesApp.js --help
```

To add a note

```
> node app.js add --title="subjects" -body="english, maths, science, history"
```

```
C:\Users\Lenovo\Desktop\NotesApp>node NotesApp.js add --title "fruits" --body "apple, mango, oranges"
New Note Created!

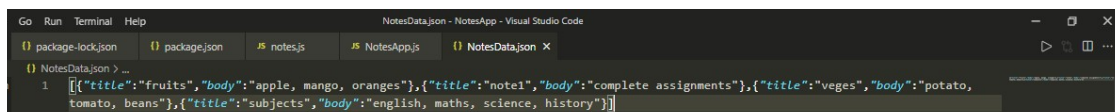
C:\Users\Lenovo\Desktop\NotesApp>node NotesApp.js add --title "note1" --body "complete assignments"
New Note Created!

C:\Users\Lenovo\Desktop\NotesApp>node NotesApp.js add --title "veges" --body "potato, tomato, beans"
New Note Created!

C:\Users\Lenovo\Desktop\NotesApp>node NotesApp.js add --title "subjects" --body "english, maths, science, history"
New Note Created!

C:\Users\Lenovo\Desktop\NotesApp>
```

After adding notes our NoteData.json file will look like this

A screenshot of a Visual Studio Code editor window. The file explorer on the left shows a project with files: package-lock.json, package.json, notes.js, NotesApp.js, and NotesData.json. The main editor area displays the content of NotesData.json, which is a JSON array containing four objects, each representing a note with a title and body. The content is: [{"title": "fruits", "body": "apple, mango, oranges"}, {"title": "note1", "body": "complete assignments"}, {"title": "veges", "body": "potato, tomato, beans"}, {"title": "subjects", "body": "english, maths, science, history"}].

```
Go Run Terminal Help
NotesData.json - NotesApp - Visual Studio Code
package-lock.json package.json JS notes.js JS NotesApp.js NotesData.json x
1 [{"title": "fruits", "body": "apple, mango, oranges"}, {"title": "note1", "body": "complete assignments"}, {"title": "veges", "body": "potato, tomato, beans"}, {"title": "subjects", "body": "english, maths, science, history"}]
```

To list all Notes title

```
> node app.js list
```

```
C:\Users\Lenovo\Desktop\NotesApp>node NotesApp.js list
---- All Notes titles ----
fruits
note1
veges
subjects
```

To read a note

```
> node app.js read --title="fruits"
```

```
C:\Users\Lenovo\Desktop\NotesApp>node NotesApp.js read --title="fruits"
---- Note Found! ----
Title: fruits
Body: apple, mango, oranges
```

To remove a note

```
> node app.js remove --title="fruits"
```

```
C:\Users\Lenovo\Desktop\NotesApp>node NotesApp.js remove --title="fruits"
Note Removed!
```

Errors

Unrecognized Command ERROR

```
C:\Users\Lenovo\Desktop\NotesApp>node NotesApp.js abc
** Command not reconized!
```

Title alread taken ERROR

```
C:\Users\Lenovo\Desktop\NotesApp>node NotesApp.js add --title "fruits" --body "apple, mango, oranges"
Note Title already taken!
```

