https://github.com/ImtiazVision/2058861\_Imtiaz\_Ahmed\_MEAN\_Stack/tree/main/Phase%203/Section%20End%20Project%201%20Key%20Log%20Record%20Creation%20with%20Node%20JS

2058861\_Imtiaz\_Ahmed\_MEAN\_Stack

[2058861\_Imtiaz\_Ahmed\_MEAN\_Stack](https://github.com/ImtiazVision/2058861_Imtiaz_Ahmed_MEAN_Stack)/Phase 3 /Section End Project 1 Key Log Record Creation with Node JS

Created an Key Logger with Node.JS.

main.js

let fs = require('fs');

let readline = require('readline-sync');

let fname = readline.question('Enter first name: ');

let lname = readline.question('Enter last name: ');

let gender = readline.question('Enter gender: ');

let email = readline.questionEMail('Enter email: ');

*// creating a new empty array and a date variable*

let recordsArr = [];

let date = new Date();

let obj = {first\_name:fname, last\_name:lname,gender\_type:gender,email\_address:email,curr\_date:date};

*// pushing the elements into the array*

recordsArr.push(obj);

*// converting to string via JSON.stringify*

let string\_of\_obj = JSON.stringify(recordsArr);

*// creating a json file using writeFileSync method which will creaate a data.json file and appends the values via {flag:'a+'} so that data is not overriden by the previous data*

fs.writeFileSync('data.json', string\_of\_obj,{flag:'a+'});

data.json

[{"first\_name":"Imtiaz","last\_name":"Ahmed","gender\_type":"M","email\_address":"imtiaz@gmail.com","curr\_date":"2021-08-25T12:06:36.230Z"}][{"first\_name":"Ramji","last\_name":"Nilima","gender\_type":"F","email\_address":"ramji@gmail.com","curr\_date":"2021-08-25T12:17:53.878Z"}][{"first\_name":"John","last\_name":"Doe","gender\_type":"M","email\_address":"john@yahoo.com","curr\_date":"2021-08-25T12:18:24.358Z"}]

Package.json

{

  "name": "com",

  "version": "1.0.0",

  "description": "Objectives: Develop a Node.js project that imports a Debug Node.js application and allows us to capture logs in a document.",

  "main": "main.js",

  "scripts": {

    "test": "echo \"Error: no test specified\" && exit 1"

  },

  "author": "",

  "license": "ISC",

  "dependencies": {

    "express": "^4.17.1",

    "read-line": "^0.1.2",

    "readline": "^1.3.0",

    "readline-sync": "^1.4.10",

    "sync": "^0.2.5"

  }

}

Terminal code

$ node main.js

Enter first name: Ramji

Enter last name: Nilima

Enter gender: F

$ node main.js

Enter first name: John

Enter last name: Doe

Enter gender: M

Enter email: john@yahoo.com