

## TASK 1

**Concepts:** Arrays, Loops, `fs.writeFileSync`

**Task:**

- Create a script `saveNotes.js`.
- Inside it, create an array of strings:

```
const notes = ["Buy groceries", "Walk the dog", "Read Node.js docs"];
```

- Use a for loop to save each note to a new line in a file called notes.txt file

Expected Result in notes.txt:

```
Buy groceries
Walk the dog
Read Node.js docs
```

Concepts: Functions, Loops, Conditionals, `fs.readFileSync`

## TASK 2

Create a file data.json with:

```
[
  ({ name: "Frank", score: 85 },
  { name: "Favour", score: 72 },
  { name: "Dumebi", score: 90 } ),
];
```

Create stats.js that:

- Reads the file with `fs.readFileSync`
- Parses the JSON and finds
  1. The average score
  2. The highest scoring user
  3. The lowest scoring user

**\*\*PRO HINT\*\*:** Use `JSON.parse(file)` to parse files or strings. [learn more about JSON.parse](#)

Logs the result to the console.

**Expected Output:**

Average Score: 82.33  
Top Scorer: Dumebi  
Last Scorer: Favour

---

### Learn about Async JS & Github here

- [Asynchronous javascript](#)
- [Quick into to git and github](#)