

Day 4 (July 18) Exercises

Rules for Exercises:

1. Create a new GitHub repository for your JavaScript exercises.
2. For each day, create a new file named `dayX-exercises.js` (e.g., `day2-exercises.js`).
3. Complete the exercises in the corresponding file.
4. Commit and push your changes to GitHub after completing each exercise.
5. Once you've finished all exercises for the day, create a pull request.
6. Share the link to your pull request in the designated Slack channel.
7. Be prepared to discuss your solutions during the next day's scrum meeting.

Day 4 (July 18) Exercises:

Today's focus: Basic Data Structures (Arrays, Objects)

1. Array Manipulation:

```
1      // Create an array of your favorite fruits
2      // Add a new fruit to the end and another to the
    beginning
3      // Remove the last fruit from the array
4      // Print the final array
5
```

JavaScript



2. Object Creation:

```
1      // Create an object representing a book with
    properties:
2      // title, author, year, and isAvailable (a boolean)
3      // Print out a sentence describing the book using
    its properties
4
```

JavaScript



3. Array of Objects:

JavaScript



```
1    // Create an array of three book objects (using the
    structure from exercise 2)
2    // Write a function that takes this array and
    prints out all book titles
3
```

4. Object Methods:

JavaScript 

```
1    // Add a method to the book object that toggles the
    isAvailable property
2    // Call this method and print the result
3
```