Day 3 (July 17) 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.

Exercises:

Today's focus: ES6 (let/const, Arrow Functions, Template Literals)
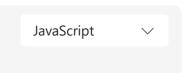
1. Let and Const Practice:

JavaScript ⌄

```javascript
1    // Refactor the following code to use let and const
     instead of var
2    var x = 10;
3    var y = 5;
4    var sum = x + y;
5    var difference = x - y;
6
```

2. Arrow Function:

JavaScript ⌄

```javascript
1    // Rewrite this function as an arrow function
2    function square(n) {
3      return n * n;
4    }
5
```

3. Template Literals:

JavaScript ⌄

```javascript
1    // Use template literals to create a string that
     includes variables
2    // for a person's name, age, and favorite hobby
3
```

4. Default Parameters:

```javascript
1    // Create a function that greets a person
2    // It should have a default parameter for the
     greeting
3    // Call the function with and without providing the
     greeting
4
```