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CONCEPTS	

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5. **Add the functionality to scroll to sections.** Clicking on a navigation item should scroll to the appropriate section of the page.

- Which event are you listening for (hint: you were just reading it)?
- There is a default event occurring that we need to stop. How?
- If you don't recall how HTML page anchors work, [read more](#) to figure out how you should set.
- There are several javascript methods for scrolling. Which seems like it is the simplest?

6. **REFACTOR.** At this point, your code should be working properly. Ideally, refactor while you are developing, but as a new developer, you often don't have the time or head to be able to do so properly. Let's clean the project up.

- Have you run your code through a linter? We request you still follow ESLint rules even if the code is complete, but running it through an [eslint](#) is going to help with refactoring.
- Are you using ES6 const and let?
- Are all your functions using ES6 arrow functions?
- Is your code DRY? Are there any pieces that would be better served as a function to avoid duplication?
- How is your code structured? Have you created functions for the main logic? Properly scoped variables? Starting out it's likely that you will have a global variable on occasion until you learn more about closures and design patterns. Organizing your code into functions is a great way to make your code more readable and avoid globally scoped variables.
- Are you using the best method for your iterations?

7. **Add additional sections to your HTML document.** See how the navigation bar works.

8. **Test the performance.** The performance of your page can be affected by how you use javascript as well as where you load your javascript.

- Test loading the javascript in the head vs at the end of the body. What is the best way to still load in the head without breaking the page? What is the performance compared to loading at the end of the body?

9. **Suggested:**

- Add an active state to your navigation items when a section is in the view.
- Hide fixed navigation bar while not scrolling (it should still be present on mobile).
 - Hint: setTimeout can be used to check when the user is no longer scrolling.
- Add a scroll to top button on the page that's only visible when the user is at the bottom of the page.
- Update/change the design/content.
- Make sections collapsible.

Version Control

Although not a requirement, we recommend using Git from the very beginning. We encourage you to use often and to use well-formatted commit messages that conform to our [Git Style Guide](#).

Udacity Style Guides

You should write your code and markup to meet the specifications provided in the