| Core | Deadline: Sunday of Week 4 | Difficulty Level: Intermediate | Est. Time: 02:00-03:00 |

Routing Practice (Core)

Dynamically display information using the URL's parameters.

Learning Objectives

- Develop a React app with routing for multiple components.

- Utilize dynamic rendering techniques in React to handle route parameters and customize the displayed content accordingly.

Welcome to another **Core assignment**! Some students like to explore the assignments before they're finished reading through the lessons, and that's okay! It can be good for your brain to have a preview of what your future challenges might be. However, before you begin this assignment, it's important that you've first:

- Completed the preceding lesson modules

- Taken the knowledge checks to confirm your understanding

- Viewed lecture material related to the assignment topics

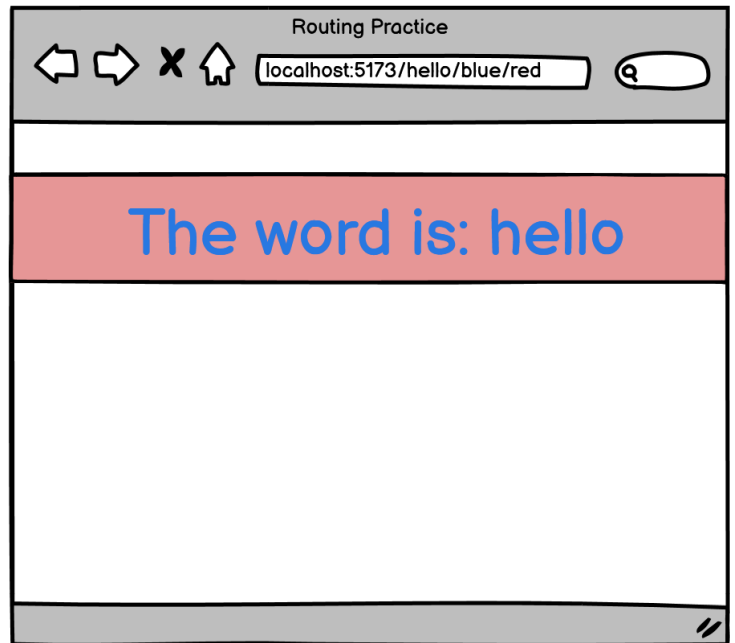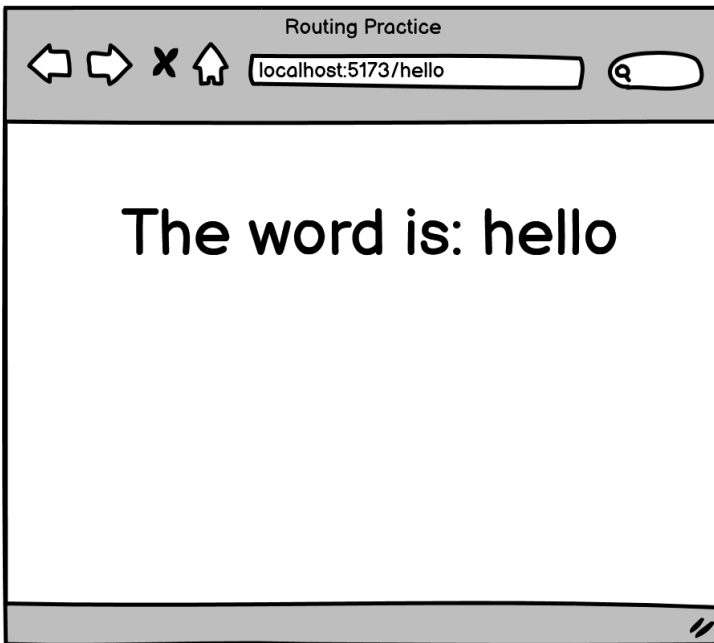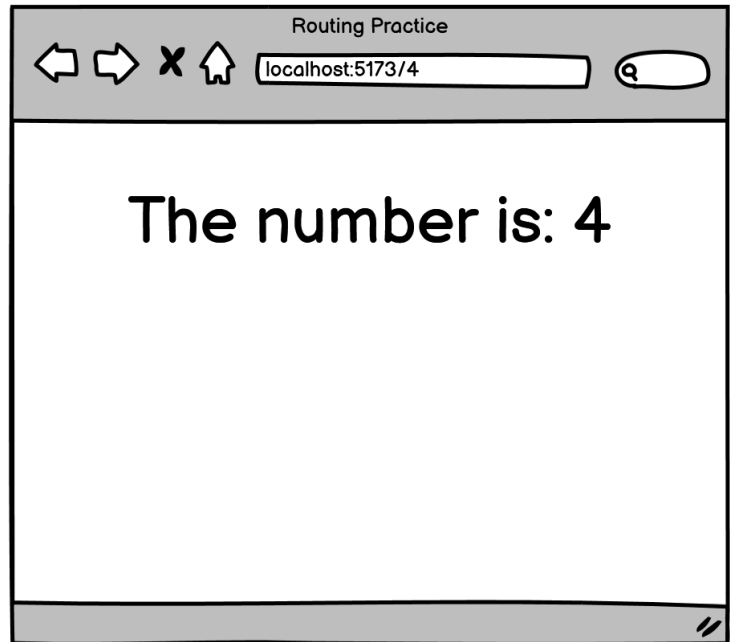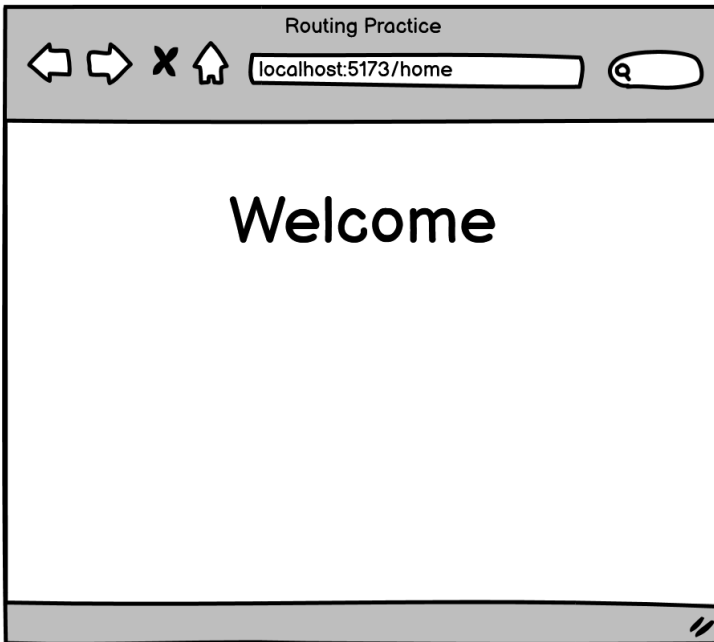- Completed and submitted your practice assignments

Routing Practice:

Create a simple React app that can handle the following routes:

1. localhost:5173/home: This should display the home page, with a generic "Welcome" heading

2. localhost:5173/4: This should display the number "4", or any other number that was sent through

3. localhost:5173/hello: This should display the word "hello" or any other word that was sent through

4. localhost:5173/hello/blue/red: This should display the word "hello" in blue text with a red background. It should work with any other valid word and colors.

Hint: use the isNaN method (is Not a Number). For example: isNaN(+"35") is false,

isNaN(+"hello") is true

- [ ] Create localhost:5173/home: This should display the home page, with a generic "Welcome" heading

- [ ] Create localhost:5173/4: This should display the number "4", or any other number that was sent through

- [ ] Create localhost:5173/hello: This should display the word "hello" or any other word that was sent through

- [ ] Create localhost:5173/hello/blue/red: This should display the word "hello" in blue text with a red background. It should work with any other valid word and colors.