**Toggle State:**

* Open Demos>React>hooks>dark-mode-demo in VS Code
* In the terminal, ensure you are in the dark-mode-demo directory and run ‘npm start’
* Show students that the app is a page that says, “Light Mode” and has a button labeled “Toggle Theme” that does nothing
* Open src>App.js
* Use useState to create a Boolean variable called isDarkTheme and set the default to false
* Give the button an onClick event listener that uses the setIsDarkTheme function to set the isDarkTheme variable to its opposite value ( !isDarkTheme )
  + Point out that you must use an arrow function with setIsDarkTheme as the callback fuinction because you are passing in an argument and that would cause the function to be called on render if it were not a callback function
* Switch the div with className App to have a condition statement in the className attribute that sets the class to “App dark-mode” when isDarkTheme is true and “App light-mode” when it is false
* Switch the text in the h1 to a conditional statement that returns “Dark Theme” when isDarkTheme is true and “Light Theme” when it is false

**Get People in Space:**

* Open Demos>React>hooks>people-in-space in VS Code
* Ensure you are in the people-in-space directory in the terminal and run npm start
* Show students that there is a heading and a button on the page
* Click the button and show that the list of people in space is now displayed on the page
* Walk students through the App.js file to explain how the data is being fetched and displayed