**JSDOM: Event Listeners**

**Instructions**

Your local newspaper is creating a website to move all of their content online. They wish to display a list of headlines and allow users to click to expand each news story to read the full story. They also wish to give the user the option to highlight any news story on the page. The HTML and CSS for the webpage have already been written and they want you to add the event handler code for the buttons.

Note: If you are working on an external editor don't forget to run npm install and npm start

**Existing Files**

| **File** | **Description** |
| --- | --- |
| test/solution.test.js | Contains test code. You are welcome to look at this file but do not modify it. |
| index.html | The HTML code for the website. Examine this code carefully to understand the DOM and target the necessary elements. You should not modify this file. |
| src/index.js | The JavaScript code for the webpage. Write your solutions in this file. |
| src/styles.css | The CSS code for the webpage. There is no need to edit this file. |

**Tasks**

Write the following functions in the src/index.js file.

**expandArticleBody()**

In this function first select all the buttons with the class .expand\_button. On each button add a click event listener that does the following:

1. Find the article in which the button that was clicked belongs.
2. If the text on the button that was clicked is a 'V' then set the display property of the article's body to 'none'. Also set the text on the button to '>'.
3. If the text on the button that was clicked is not a 'V' then set the display property of the article's body to 'block'. Also set the text on the button to 'V'.

**Hint:** To write this function, you may need a method to find a node that matches a provided selector string. As a *learning how to learn* exercise, do a Google search on something like "MDN js find parent of child element". Read the method's documentation and use it to write the function.

**highlightArticle()**

In this function first select all buttons with the class .highlightBtn. On each button add a click event listener that does the following:

1. Find the article in which the button that was clicked belongs.
2. If the text on the button is '+' then add the .highlight class to the article and set the text on the button to '-'.
3. If the text on the button is not '+' then remove the .highlight class from the article and set the text on the button to '+'.