Exercise 6 - Paragraph Highlighter

Objective: Develop an interactive highlighting tool that allows users to change the background color of paragraphs using a color picker.

Instructions:

1. **Understanding the Objective**:

   - Your task is to use JavaScript to apply a color, chosen by a user via an input color picker, as the background color for paragraphs when they're clicked.

2. **JavaScript**:

   - **Getting the Color**:

     - The color picker's value (the chosen color) is obtained by accessing the `value` property of the color picker element (`<input type="color" id="colorPicker">`). You can get a reference to this element using `document.getElementById('colorPicker')` .

   - **write a** `highlight` **Function**:

     - This function, `highlight(element)` , will be triggered whenever a paragraph is clicked.
       1. Inside the function, you first fetch the chosen color from the color picker using:

          ```
          const color = document.getElementById('colorPicker').value;
          ```

       2. With the fetched color value, you'll set the background color of the clicked paragraph. Since the clicked paragraph is passed as the `element` parameter to the `highlight` function, you can set its `backgroundColor` style property.
       3. After this function is executed, the clicked paragraph should have its background changed to the color chosen in the color picker.

3. **HTML**:

   - Use the attached HTML code for this exercise.

4. **Implementing the Feature**:

- To bind this feature to every paragraph, the `highlight` function is set to be called upon the `onclick` event of each paragraph in the HTML. The clicked paragraph element is passed into the function using `this`.

5. **Testing the Highlighter Tool**:

- Open the HTML file in a browser.
- Use the color picker to select a color.
- Click on any paragraph. Its background should change to the selected color.
- Change the color using the color picker and click on another paragraph. This new paragraph should now reflect the newly selected color.