CS2830 Challenge 6

You will be able to complete this challenge by reading online resources. Please complete the requirements listed below.

Many of the examples on W3Schools have a "Try it Yourself" button. Those buttons launch a new window with a code editor and a preview pane. Create your own version of this tool that meet the requirements listed below.

- Here's an example on w3schools:
    - http://www.w3schools.com/js/tryit.asp?filename=tryjs_myfirst
- Here is a video of my code so you can see a live example of what I am looking for:
    - https://missouri.box.com/s/o51ibm1298pxfqn7lcl857jzrjzm4mqz

Filename and Comments:

- **The filename should be named "<pawprint>SixthChallenge.html".**
- **Write and complete the following comment in your HTML document:**

  ```
  <!--
          name:
          pawprint:
          date:
  -->
  ```

- **Do not use inline CSS.**
- **If your document does not fulfill the above requirements we will reject the submission and your score will be ZERO. This will apply to all your assignment in this class.**

Meet this following requirements:

1. Must have the 5 required tags.
2. Run the file through the validator to make sure there are no errors (when you finish the assignment).
3. Start by creating **two text areas**, one for **writing your CSS code** and one for **writing your HTML code**.

4. For the CSS and HTML text area:

- Text areas should have a **non-empty placeholder indicating which area holds what code.**
- If you **double click on the CSS text area**, then the following default CSS will appear inside the text area:

  h4 { color: green; }

  p { font-family: cursive, arial; font-size: 22pt;}

- If you **double click on the HTML text area**, then the following default HTML will appear inside the text area:
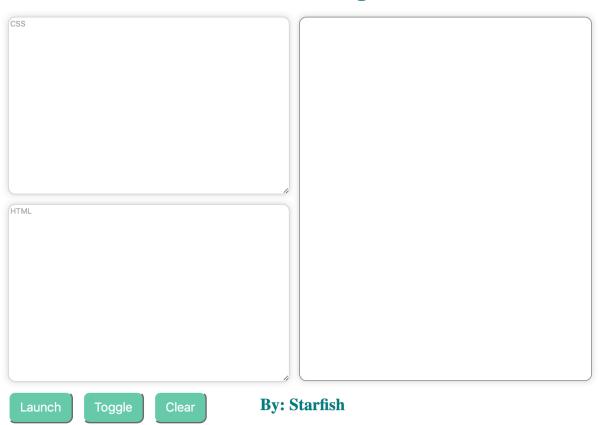
  <h4> Hello World! </h4>

  <p> is it applied? </p>

5. Use a **div to create a preview pane** (where you show the result of your code, there are many examples from class).
6. The **two text areas and the preview pane** must be **next to each other**. (Use a wrapper div like shown in class)
7. Create **three buttons**: (**launch, toggle, and clear**)

   - **Launch: clicking the launch button** should **retrieve the contents** of the **HTML** textarea and use them to **populate the preview pane**.

   - **Toggle: clicking the toggle button** should toggle the contents of the **CSS** textarea **on and off**. (display the css and not display the css).

   - **Clear: clicking the clear button** should **reset the contents of both textareas** and the **preview pane**. If you **click the clear button twice**, a **prompt will appear** and the **input will change the title of the page**.
     - Should write your own JavaScript function for resetting the contents of both text areas.
     - If you click the clear button twice, a prompt will appear and ask the user what they would like to change the title of the webpage to. Whatever the user enters will be displayed in the title tag and display at the top of the browser in the tab.
8. Create H1 on the top of you page saying Sixth challenge (look at screenshot for the example)
9. Create H2 in the bottom of your page and put your name/nickname there. (look at screenshot for the example)

<u>**CSS Requirement:**</u>

1. Create Box shadow for:
   a. Text area (CSS and HTML) box shadow will have lightgray color and when you click the box the box shadow will be #7bc1f7 colored.
   b. Preview Pane will have a box shadow with lightgray color
2. Border:
   a. Text area border will be 1px solid lightgray with radius of 10px.
   b. Preview border will be 1px solid grey with radius of 10px.
3. Center everything in the middle of the page.
4. Make the toggle button change color when it is clicked.
5. **The design of the application is up to you. I want you to have fun and show me your creativity. If you can make a good design you may get extra points.**
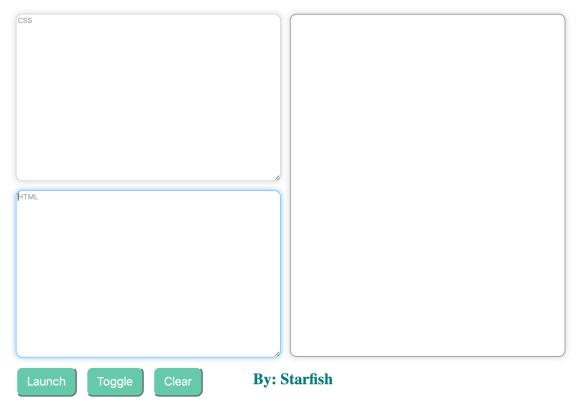
ScreenShot:

Sixth Challenge

CSS

HTML

Launch   Toggle   Clear   **By: Starfish**

Sixth Challenge

CSS

HTML

Launch **Toggle** **Clear** **By: Starfish**

Sixth Challenge

CSS

HTML

Launch **Toggle** **Clear** **By: Starfish**

Sixth Challenge

CSS

HTML

Launch Toggle Clear

By: Starfish