

JS Advanced: Exam 15 July 2018

Problem 1. Sticky Notes (Simple DOM Interaction)

You are given the following **HTML** code:

notes.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Sticky Notes</title>
  <script src="https://code.jquery.com/jquery-3.1.0.min.js"
    integrity="sha256-
cCueBR6CsyA4/9szpPfrX3s49M9vUU5BgtiJj06wt/s="
    crossorigin="anonymous"></script>
  <style>
    * {
      margin: 0;
      padding: 0;
    }

    body {
      font-family: arial, sans-serif;
      font-size: 100%;
      margin: 3em;
      background: #2a61f5;
      color: white;
      font-weight: bolder;
    }

    #sticker-list, #note-content {
      margin: 1em;
      float: left;
      position: relative;
    }

    .btn {
      padding-left: 50px;
    }

    /*an X button style*/
    li .button {
      font-size: 18px;
      margin-left: 160px;
      position: relative;
      bottom: 10px;
    }

    .note-content {
```

```

        list-style: none;
        text-decoration: none;
        color: #000;
        background: #ffc;
        height: 10em;
        width: 10em;
        padding: 1em;
        box-shadow: 5px 5px 7px rgba(33, 33, 33, .7);
        display: inline-block;
        margin-right: 20px;
        margin-top: 10px;
    }

    .text div {
        margin: 15px 0;
    }

    #add-sticker {
        padding: 8px 12px;
        border: none;
        border-radius: 10px;
        color: #2a61f5;
        font-weight: bolder;
        font-family: arial, sans-serif;
        background-color: white;
    }

    hr {
        margin: 0.5em 0;
    }

    p{
        word-wrap: break-word;
    }

</style>
</head>
<body>
<div class="text">
    <div class="title-input">
        <label>Title: </label>
        <input class="title" maxlength="11">
    </div>
    <div class="text-input">
        <label>Text: </label>
        <input class="content" maxlength="102">
    </div>
</div>
<div class="btn">
    <button id="add-sticker" onclick="addSticker()"> Add new
    sticker</button>
</div>
<div class="stickerBoard">

```

```

    <ul id="sticker-list"></ul>
</div>
<script src="solution.js"></script>
</body>
</html>

```

Your Task

Write the missing JavaScript code to make the **Notes board** work as expected.

- When **both Title and Text** are **filled** upon pressing the “**Add new sticker**” button, a new sticker should appear in the sticker board and the input fields should be **reset**. Every sticker **must** have title, text and close button. Otherwise don't create note.
- **Between** the Title and Text content of the note you should have **separating** line.
- When the **close** button is clicked, the sticker should **disappear** from the sticker board.

Submission

Submit only your **addSticker** function.

Examples

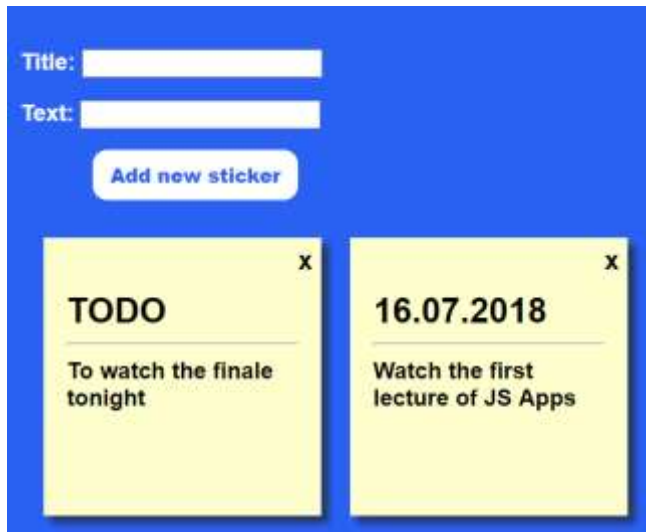
Example of empty html:

```

<!doctype html>
<html lang="en">
  <head>...</head>
  ... <body> == $0
    <div class="text">
      <div class="title-input">
        <label>Title: </label>
        <input class="title" maxlength="11">
      </div>
      <div class="text-input">
        <label>Text: </label>
        <input class="content" maxlength="102">
      </div>
    </div>
    <div class="btn">
      <button id="add-sticker" onclick="addSticker()"> Add new sticker</button>
    </div>
    <div class="stickerBoard">
      <ul id="sticker-list"></ul>
    </div>
    <script src="notes.js"></script>
  </body>
</html>

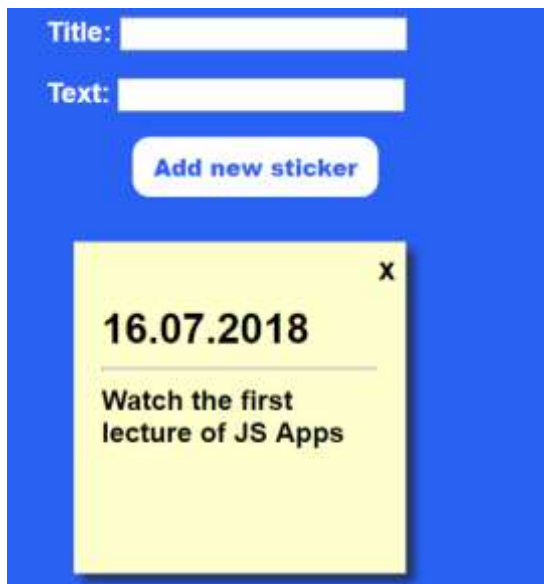
```

Example of visualization and html after adding stickers:



```
<!doctype html>
<html lang="en">
  <head>...</head>
  <body> == $0
    <div class="text">
      <div class="title-input">...</div>
      <div class="text-input">...</div>
    </div>
    <div class="btn">
      <button id="add-sticker" onclick="addSticker()"> Add new sticker</button>
    </div>
    <div class="stickerBoard">
      <ul id="sticker-list">
        <li class="note-content">
          <a class="button">x</a>
          <h2>TODO</h2>
          <hr>
          <p>To watch the finale tonight</p>
        </li>
        <li class="note-content">
          <a class="button">x</a>
          <h2>16.07.2018</h2>
          <hr>
          <p>Watch the first lecture of JS Apps</p>
        </li>
      </ul>
    </div>
    <script src="notes.js"></script>
  </body>
</html>
```

Example after removing the first note:



```
<!doctype html>
<html lang="en">
  <head>...</head>
  <body> == $0
    <div class="text">
      <div class="title-input">...</div>
      <div class="text-input">...</div>
    </div>
    <div class="btn">
      <button id="add-sticker" onclick="addSticker()"> Add new sticker</button>
    </div>
    <div class="stickerBoard">
      <ul id="sticker-list">
        <li class="note-content">
          <a class="button">x</a>
          <h2>16.07.2018</h2>
          <hr>
          <p>Watch the first lecture of JS Apps</p>
        </li>
      </ul>
    </div>
    <script src="notes.js"></script>
  </body>
</html>
```