

JS Advanced Exam

Problem 1. Scary Story

Environment Specifics

Please be aware that every JS environment may **behave differently** when executing code. Certain things that work in the browser are not supported in **Node.js**, which is the environment used by **Judge**.

The following actions are **NOT** supported:

- `.forEach()` with **NodeList** (returned by `querySelector()` and `querySelectorAll()`)
- `.forEach()` with **HTMLCollection** (returned by `getElementsByClassName()` and `element.children`)
- Using the **spread-operator** (`...`) to convert a **NodeList** into an array
- `append()` in Judge (use only `appendChild()`)
- `prepend()`
- `replaceWith()`
- `replaceAll()`
- `closest()`
- `replaceChildren()`
- Always turn the collection into a **JS array** (`forEach`, `forOf`, et.)

If you want to perform these operations, you may use `Array.from()` to first convert the collection into an array.

Use the provided skeleton to solve this problem.

Write the missing functionality of this user interface. The functionality is divided in the following steps:

The image shows a web form titled "WRITE YOUR SCARY STORY" with a subtitle "Fill the author information, genre and the story text!". The form is divided into two main sections: "Author Information" and "Story". The "Author Information" section contains input fields for "First Name", "Last Name", "Age", "Story Title", and a dropdown menu for "Genre" with "Disturbing" selected. The "Story" section contains a large text area for "Your Story" and a "Publish" button. To the right of the form is a "PREVIEW" section, which is currently empty. The background of the interface features a dark, foggy image with a ghostly figure and handprints.

Your Task

Write the missing JavaScript code to make the **Scary Story** work as expected:

All fields (**First Name**, **Last Name**, **Age**, **Genre**, **Story title** and **Story text**) are filled with the correct input

- **First Name**, **Last Name**, **Age**, **Story title** and **Story text** are **non-empty strings**. If any of them is empty, the program should not do anything.

1. Getting the information from the form

WRITE YOUR SCARY STORY
Fill the author information, genre and the story text

Author Information

First Name:

Last Name:

Age:

Story Title:

Genre:

Story

Your Story:

Publish

PREVIEW

Name: Alma Katsu

Age: 62

Title: The Hunger

Genre: Psychological

Tamsen Donner must be a witch. That is the only way to explain the series of misfortunes that have plagued the wagon train known as the Donner Party. Depleted rations, bitter quarrels, and the mysterious death of a little boy have driven the pioneers to the brink of madness. They cannot escape the feeling that someone—or something—is stalking them. Whether it was a curse from the beautiful Tamsen, the choice to follow a disastrous experimental route West, or just plain bad luck—the 90 men, women, and children of the Donner Party are at the brink of one of the deadliest and most disastrous western adventures in American history.

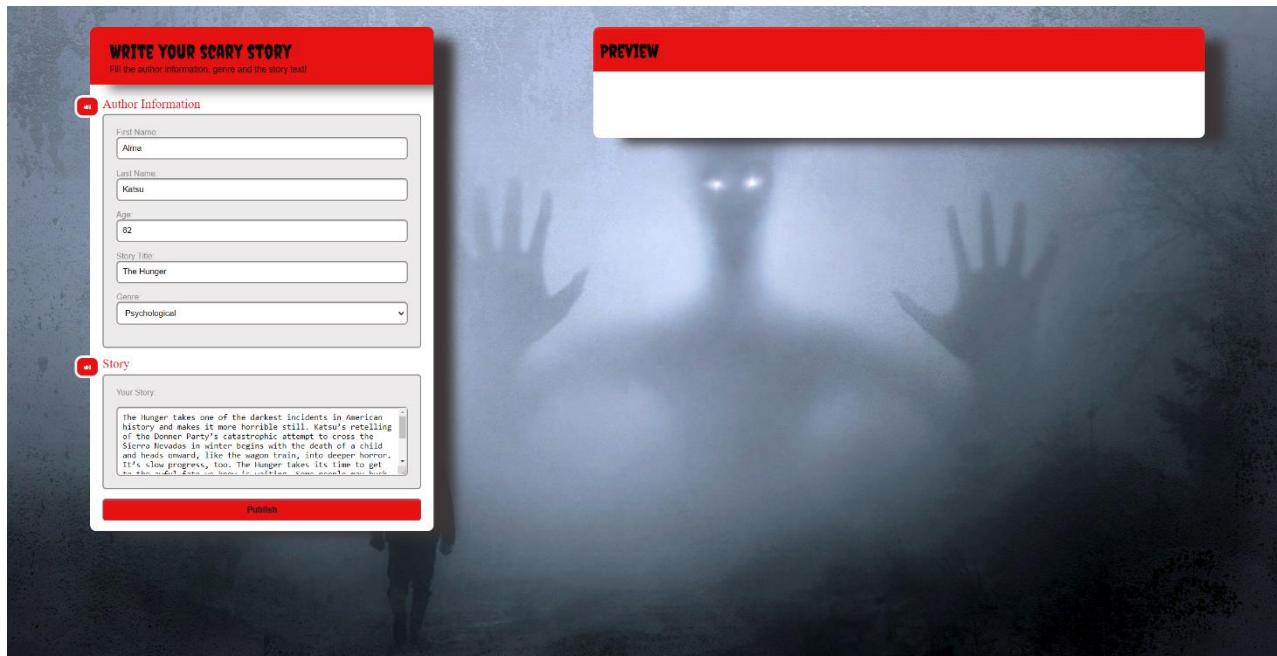
Save Story **Edit Story** **Delete Story**

- On clicking the ["**Publish**"] button the information from the input fields is listed in the "**preview**" section. For the input fields a **list item** is **added** to the "**preview-list**" unordered list.
- The text format and order for each list item should be the same as on the picture below.
- When the button is clicked, the input fields must be cleared and the ["**Publish**"] button must be **disabled**. At the same time the "**Save**", "**Edit**" and the "**Delete**" buttons must be **enabled**. The HTML structure looks like this:

```
<ul id="preview-list">
  <h3>Preview</h3>
  <li class="story-info">
    <article>
      <h4>Name: Alma Katsu</h4>
      <p>Age: 62</p>
      <p>Title: The Hunger</p>
      <p>Genre: Psychological</p>
      <p>
        "Tamsen Donner must be a witch. That is the only way to explain the series of
        misfortunes that have plagued the wagon train known as the Donner Party. Depleted
        rations, bitter quarrels, and the mysterious death of a little boy have driven
        the pioneers to the brink of madness. They cannot escape the feeling that
        someone--or something--is stalking them. Whether it was a curse from the
        beautiful Tamsen, the choice to follow a disastrous experimental route West, or
        just plain bad luck--the 90 men, women, and children of the Donner Party are at
        the brink of one of the deadliest and most disastrous western adventures in
        American history."
      </p>
    </article>
    <button class="save-btn">Save Story</button>
    <button class="edit-btn">Edit Story</button>
    <button class="delete-btn">Delete Story</button>
  </li>
</ul>
```

The functionality here is the following:

- When the "**Edit**" button is clicked, all of the **information** is **loaded** in the **input fields** from step 1 and all buttons in preview section are **disabled** while the ["**Publish**"] button is **enabled** again.



- The **list items** must be **removed** from the **"preview-list"** and all of the **information** must go back to the **input fields** again.

```

<ul id="preview-list">
  <h3>Preview</h3>
</ul>

```

- When the **"Save"** button is clicked, the story is completed. For you, this means **removing everything** inside of the **div** with **id = "main"** and **adding** there only a **<h1>** tag. With **message: "Your scary story is saved!"**



- This is everything your webpage must contain at this step:

```

<html lang="en">
  <head>...</head>
  <body class="body">
    <script src="app.js"></script>
    <div id="main"> flex == $0
      <h1>Your scary story is saved!</h1>
    </div>
  </body>
</html>

```

- When the "Delete" button is clicked, the **list item** must be **removed** from the "preview-list" and the ["Publish"] button is **enabled** again.

```

<ul id="preview-list">
  <h3>Preview</h3>
</ul>

```

Submission

Submit only yours **solution()** function.

GOOD LUCK... 😊