

1. SoftBlog

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()`)

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

Use the Given Skeleton to Solve This Problem.

Note: You Have NO Permission to Change Directly the Given HTML (Index.html File).

SoftBlog

Posts

Create New Post

Author

Title

Category

Content

Create

Archive

SoftBlog © This is the best blog ever!

Your Task

Write the missing JavaScript code to make the Blog application work as expected.

You should be able to **create** new articles.

Each article has **author**, **title**, **category** and **content**. When you click the **[Create]** button, a new **article item** should be added to the articles **section**.

The new item should have the **following structure**:

Posts

JavaScript

Category: **Programming**

Creator: **John**

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Delete

Archive

Create New Post

Author

Title

Category

Content

Create

Archive

```
<main>
  <section>
    <h2>Posts</h2>
    <article>
      <h1>JavaScript</h1>
      <p>Category:
        <strong>Programming</strong>
      </p>
      <p>Creator:
        <strong>John</strong>
      </p>
      <p>Lorem ipsum dolor sit amet consectetur adipiscing elit. Ratione saepe corrupti tenetur esse, aspernato
        commodi eveniet quisquam aperiam ipsum, voluptas ab nisi animi voluptates incidunt reprehenderit expedit
        iure inventore sunt.</p>
      <div class="buttons">
        <button class="btn delete">Delete</button>
        <button class="btn archive">Archive</button>
      </div>
    </article>
  </section>
</main>
```

- Append two buttons, which are in a **div** element with class **"buttons"** to each article item
 - [Delete] button should have the following classes: **"btn"** and **"delete"**
 - [Archive] button should have the following classes: **"btn"** and **"archive"**

When you click the [Archive] button you should move the article to the **ol** in the archive section. Archive section should be **sorted by title**.

Important! Do not move the entire article, but only the title of the article.

```
<section class="archive-section">
  <h2>Archive</h2>
  <ol>
    <li>JavaScript</li>
  </ol>
</section>
```

Posts

Create New Post

Author

Title

Category

Content

Create

Archive

JavaScript

When you click the **[Delete]** button you should delete the entire article.

```
<main>
  <section>
    <h2>Posts</h2>
  </section>
</main>
..
```

SoftBlog

Posts