JS Advanced: Regular Exam

Problem 1. SoftDo (DOM Manipulation)

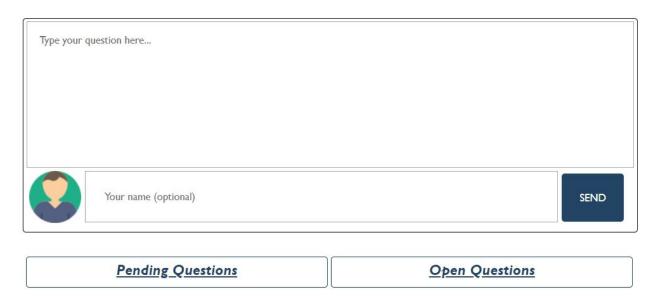
Use the given skeleton to solve this problem.

Note: You have NO permission to change directly the given HTML (index.html file).

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Your Task

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

[Ask Question]

When the **textarea** (*Type your question here...*) is filled with some question and the button [**SEND**] is clicked, the current question should be displayed in the [**Pending Questions**] **section**. The input field for the username is **NOT required** - if it is filled, show the **given username** under the question, otherwise, the username is **Anonymous**.

[Ask Question as an Anonymous User (input field is empty)]

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What means operator ?	
Your name (optional)	SEND
Pending Questions	Open Questions

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[Ask Question with Username (input field is filled with some username)]

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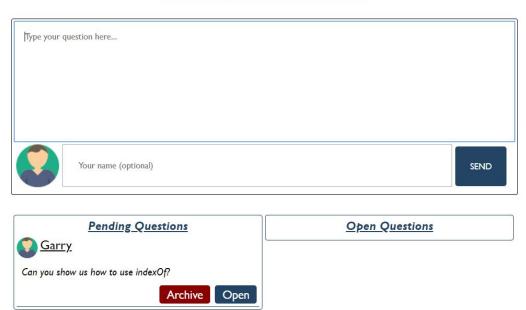
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Can you show us how to use indexOf?	
Garry	SEND
Pending Questions	Open Questions

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[Pending Question]

Each pending question:

- Children elements must be wrapped in a **div** element with class "**pendingQuestion**"
 - First child is img which is same for every user (Anonymous or not). The user icon is provided in the skeleton resources (images folder). Each img should have src, width and height attributes.
 - Second child is a **span** element which holds the **username** (the given one from the input field or the Anonymous one).
 - o Third child is a **p element**, which is the given question from the **textarea**.
 - The last (fourth child) is a div element with class "actions" which is a parent element of the two buttons ([Archive] and [Open])
 - [Archive] button has class "archive" and text content "Archive"
 - [Open] button has class "open" and text content "Open"
- Should be appended to the **div** with id "**pendingQuestions**"

Clicking on the [Archive] button should remove the current question (div element).

[Open Question]

If the [Open] button is clicked, the current question should be moved (Append) from the "pendingQuestions" section to the "openQuestions" section.

[Open a Question (Moved from the [Pending] to the [Open] section)]

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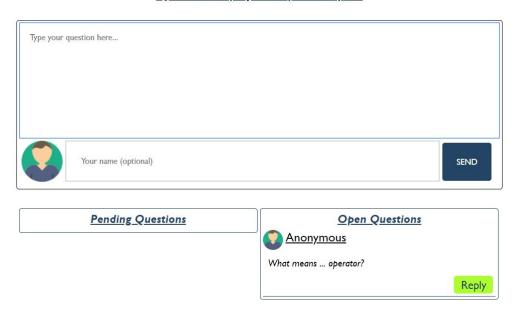
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What means operator ?	
Your name (optional)	SEND
Pending Questions Anonymous	Open Questions
What means operator ? Archive Open	

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[Open Question Structure]

Each open question:

- Children elements must be wrapped in a div element with class "openQuestion"
 - First child is img which is same for every user (Anonymous or not). The user icon is provided in the skeleton resources (images folder). Each img should have src, width and height attribute
 - Second child is a **span element** which holds the **username** (the given one from the input field or the Anonymous one)
 - o Third child is a **p element**, which is the given question from the **textarea**
 - Fourth child is a div element with class "actions" which is a parent element of the
 [Reply] button
 - [Reply] button has class "reply" and text content "Reply"
 - The last child here is a div element with class "replySection" which is a parent element of the input, button and ol elements:
 - Input element should have class "replyInput", type "text" and placeholder "Reply to this question here..." Set in that order!
 - Button element should have class "replyButton" and text content "Send"
 - The ordered list (ol element) should two attributes (class "reply" and type "1") Set in that order!
- Should be appended to the **div** with id "**openQuestions**"

```
▼ <div id= <u>"openQuestions"</u>>
   <h3>Open Questions</h3>
 ▼<div class="openQuestion">
    <img src="./images/user.png" width="32" height="32">
    <span>Anonymous</span>
     What means ... operator?
   ▼<div class="actions">
      <button class="reply">Reply</button>
    </div>
   ▼<div class="replySection" style="display: none;">
      <input class="replyInput" type="text" placeholder="Reply to this question here...">
      <button class="replyButton">Send</button>
      </div>
   </div>
 </div>
```

Keep in mind when the pending question is moved (appended) to the open questions section, the current question structure should be like the example above (The elements must be created inside the **replySection** but the section should **not be displayed**)

[Reply to the question]

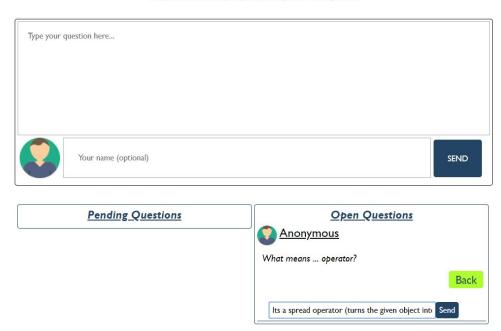
By default, every div element with class "replySection" has CSS styles which are property display-value none (display: none), but if some of the [Reply] buttons are clicked, the current replySection must be shown (The display property must be changed to block (display: block). If the button [Back] is clicked again (when the section is displayed), the styles must be changed again to display:none.

If the **input field** in the **"replySection"** is filled with some text (answer to the current question) and the **[Send]** button is clicked, the current answer (the input value) must be appended to the ordered list **(ol element)** like text content on list item **(li element)**

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```
▼ <div id="openQuestions">
   <h3>Open Questions</h3>
 ▼ <div class="openQuestion">
    <img src="./images/user.png" width="32" height="32">
    <span>Anonymous</span>
    What means ... operator?
   ▼ <div class="actions">
      <button class="reply">Back</button>
   ▼ <div class="replySection" style="display: block;">
      <input class="replyInput" type="text" placeholder="Reply to this question here...">
      <button class="replyButton">Send</button>
     ▼
        It is a spread operator which turns the given object into array(/li>
      </div>
   </div>
 </div>
```

