JS Advanced Retake Final Exam

Problem 1. Furniture Store

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**.

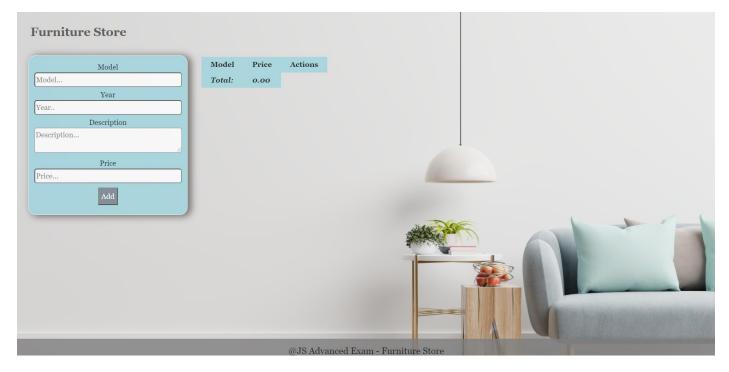The following actions are **NOT** supported:

- **.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 provided skeleton to solve this problem.

Note: You **can't** and you have no permission to **change** directly the given html code (index.html file).
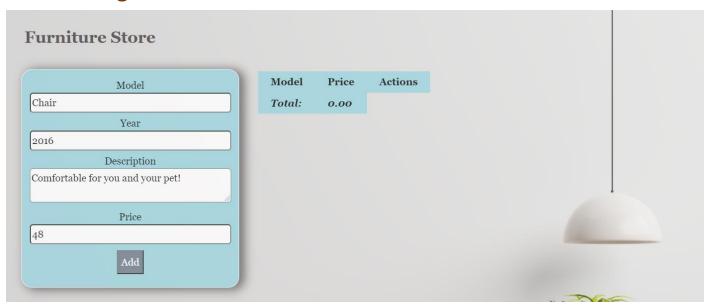
Write the missing JavaScript code to make the **Furniture Store** work as expected:

Your Task

- A**ll fields (model, year, description, and price)** are **filled with the correct input**
  - **Model and description** are **non-empty strings**
  - **Year** and **Price** need to be **positive numbers**
  - **All fields must be filled**

1. Getting the furniture information

- When you click the **"Add"** button, the information from the input fields must be added to the table and then clear input fields.
- The table contains **Model, Price of furniture** and **Actions** - **[More information], [Buy it]**. **Price** must be **rounded** to **second** digit after decimal point.
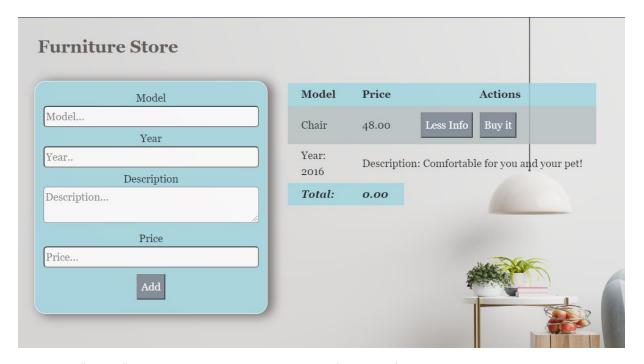
Each furniture must be appended to **"furniture-list"** and look like the picture below:

```html
▼<tbody id="furniture-list">
    <!--Information about furniture-->
  ▼<tr class="info">
      <td>Chair</td>
      <td>48.00</td>
    ▼<td>
        <button class="moreBtn">More Info</button>
        <button class="buyBtn">Buy it</button>
      </td>
    </tr>
  ▼<tr class="hide">
      <td>Year: 2016</td>
      <td colspan="3">Description: Comfortable for you and your pet!</td>
    </tr>
  </tbody>
```

Each furniture has main information line **(Model, Price)** and an additional information line. The additional information line stores **the description and year** of manufacture of the furniture **(hidden until the "More info" button is pressed**).
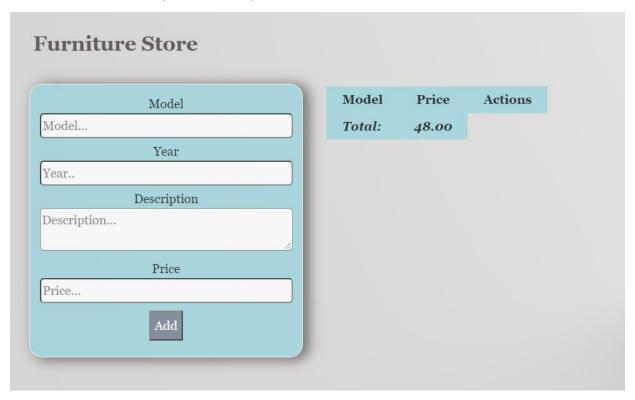
When the **"More Info"** button is clicked, change button text from **"More Info"** to **"Less Info"** and style display of **"class = hide"** from **"none "** to **"contents".** The second **<td>** must have attribute **colspan** with value **3.** When click **"Less Info"** button is clicked, change button text from **"Less Info"** to **"More Info"** and style from **"contents "** to **"none".**

```html
▼<tbody id="furniture-list">
    <!--Information about furniture-->
  ▼<tr class="info">
      <td>Chair</td>
      <td>48.00</td>
    ▼<td>
        <button class="moreBtn">Less Info</button>
        <button class="buyBtn">Buy it</button>
      </td>
    </tr>
  ▼<tr class="hide" style="display: contents;">
      <td>Year: 2016</td>
      <td colspan="3">Description: Comfortable for you and your pet!</td>
    </tr>
  </tbody>
```

When the **"Buy it"** button is clicked, should have the following **functionality:**

- **The current furniture** must be **removed from the row** in the table
- You need to **change** the **total** profit in **the store.** Take the element with class **"total-price"** and increase **the current total price with** the **price of the furniture.**

Submission

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

GOOD LUCK... (: