

JS Advanced Exam

Problem 1. Car Parts

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**.

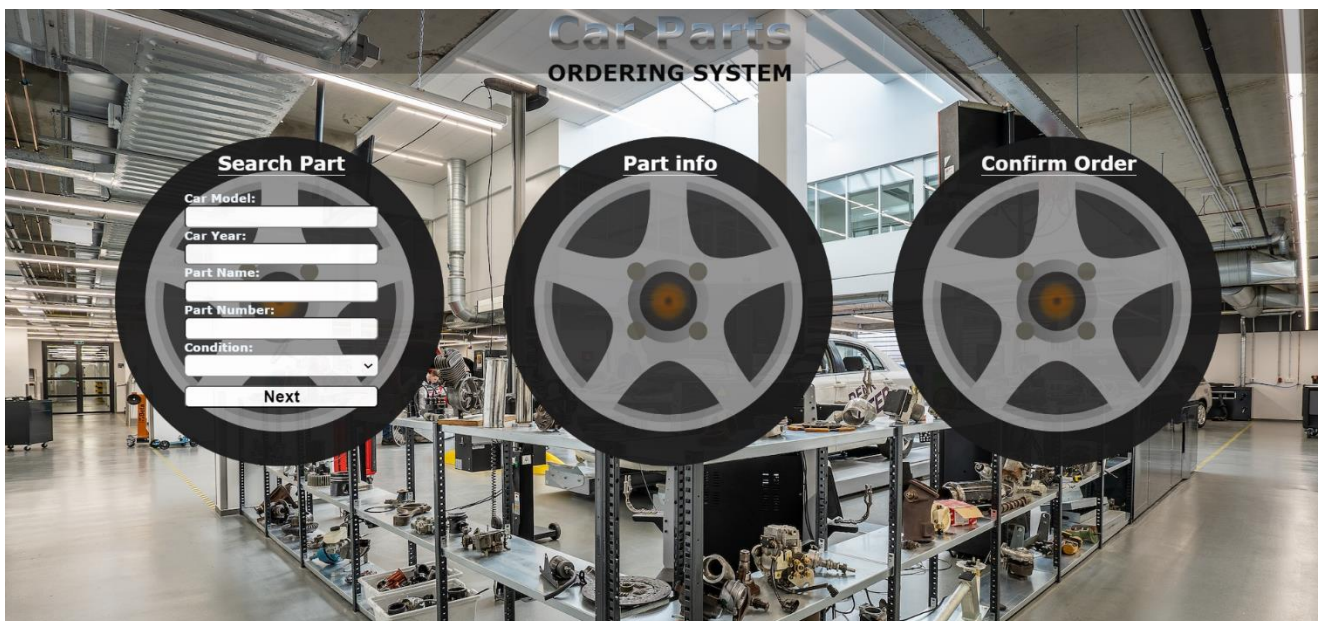
The following actions are **NOT** supported:

- `.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:



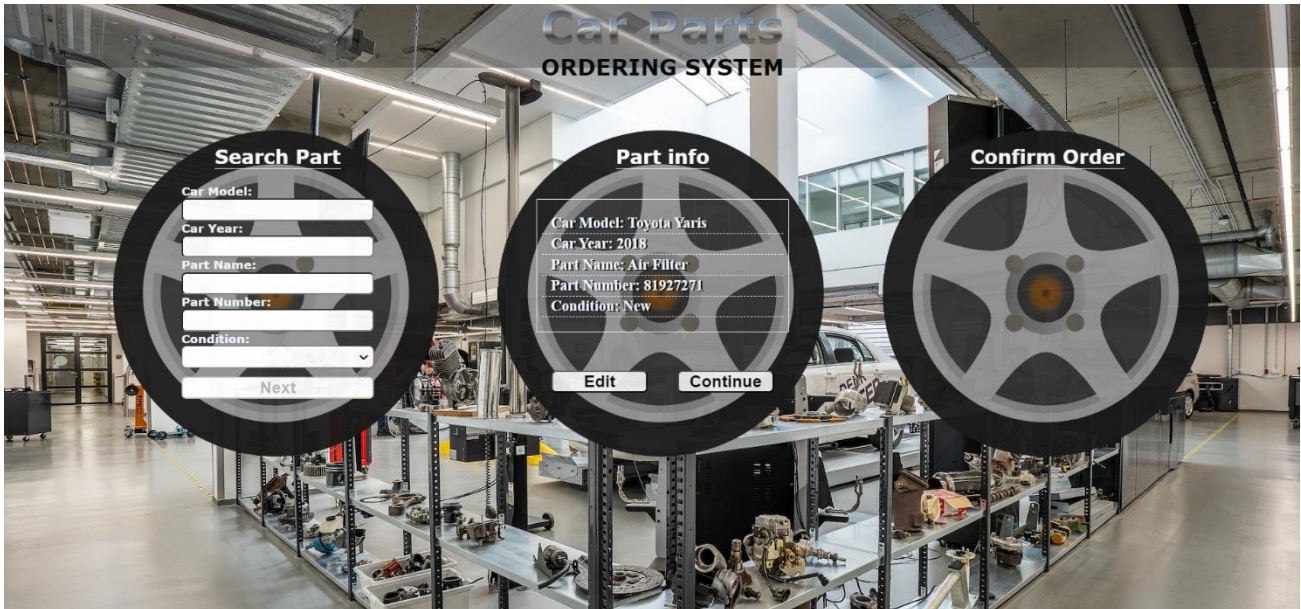
Your Task

Write the missing **JavaScript code** to make the **Car Parts** work as expected:

All fields (**Car Model**, **Car Year**, **Part Name**, **Part Number**, and **Condition**) are **filled with the correct input**

- **Car Model**, **Car Year**, **Part Name**, and **Condition** are **non-empty strings** and **Car Year** must be between **1980** and **2023**. If any of them is empty or invalid, the program should not do anything.

1. Getting the information from the form



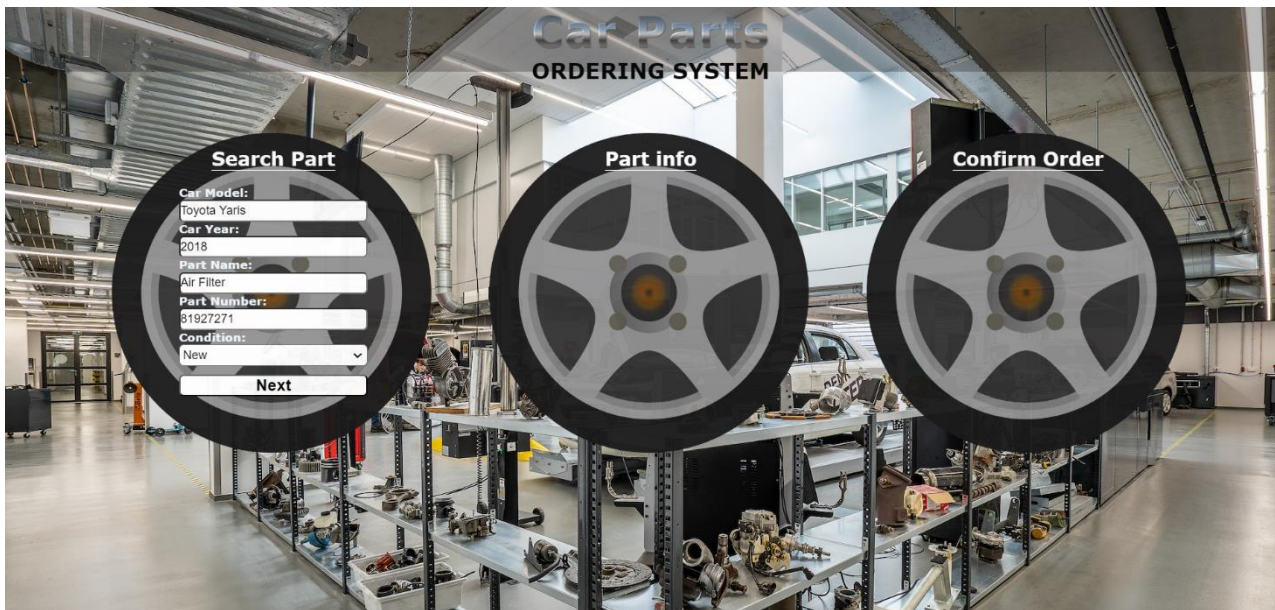
- On clicking the ["Next"] button, the information from the input fields is listed in the "Part info" section by adding a **list item** to the ".info-list" unordered list.
 - To complete the ordering cycle at the end, you need to perform the following actions:
 - Change the **visibility** property of the image element with the ID "complete-img" to "hidden".
 - Change the **text content** of the paragraph element with the ID "complete-text" to an empty string. These actions are necessary to hide the image and clear the text content as is by default in the beginning.
 - The list item should follow the same text format and order as shown in the provided picture.
 - Upon clicking the button, the **input** fields must be **cleared**, and the ["Next"] button should be **disabled**. Additionally, the "Edit" and "Continue" buttons need to be added.

The HTML structure looks like this:

```
<h1>Part info</h1>
<ul class="info-list">
  <li class="part-content">
    <article>
      <p>Car Model: Toyota Yaris</p>
      <p>Car Year: 2018</p>
      <p>Part Name: Air Filter</p>
      <p>Part Number: 81927271</p>
      <p>Condition: New</p>
    </article>
    <button class="edit-btn">Edit</button>
    <button class="continue-btn">Continue</button>
  </li>
</ul>
```


The functionality here is the following:

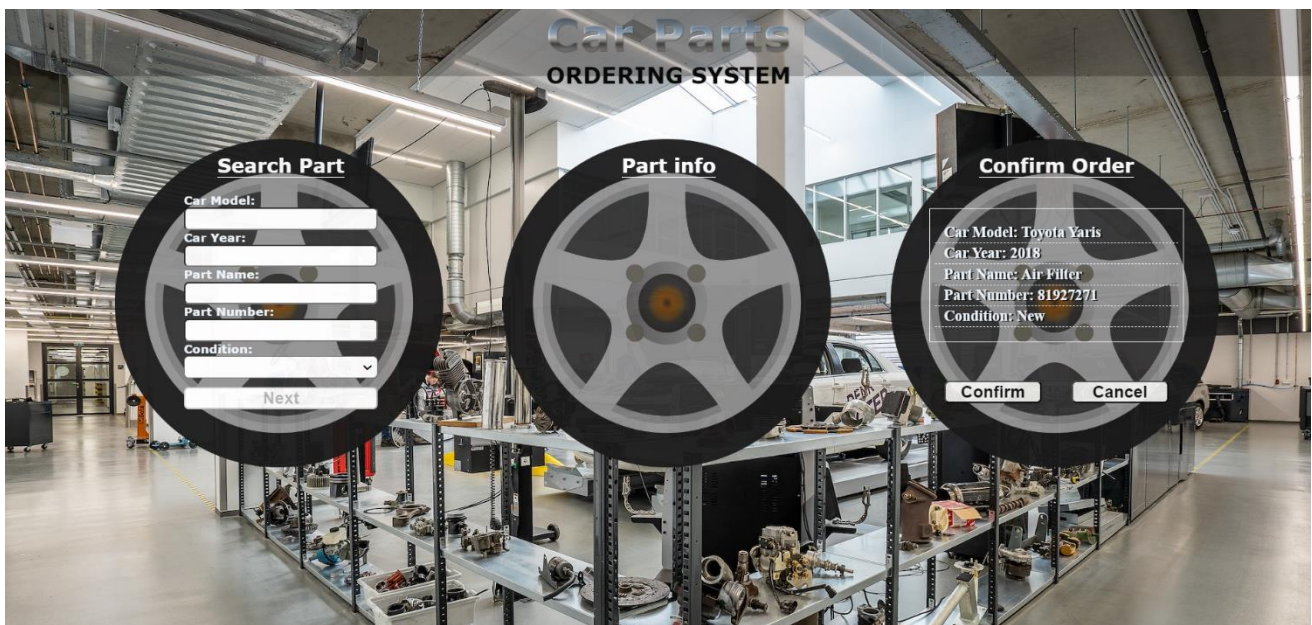
- When the **"Edit"** button is clicked, all of the **information** is **loaded** in the **input fields** from step 1 and all buttons in **Part info** section are **removed** while the **["Next"]** button is **enabled** again.



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

```
<h1>Part info</h1>
<ul class="info-list"></ul>
</div>
```

- When the **"Continue"** button is clicked, the information from **"info-list"** unordered list must be transferred to **"confirm-list"** in the **same** HTML structure. For you, this means **removing everything** inside of the **ul** with class = **"info-list"** and **adding** in **"confirm-list"**, the list item with same information and **"Confirm"** and the **"Cancel"** buttons must be **added**.



- This is HTML structure of "**confirm-list**" unordered list:

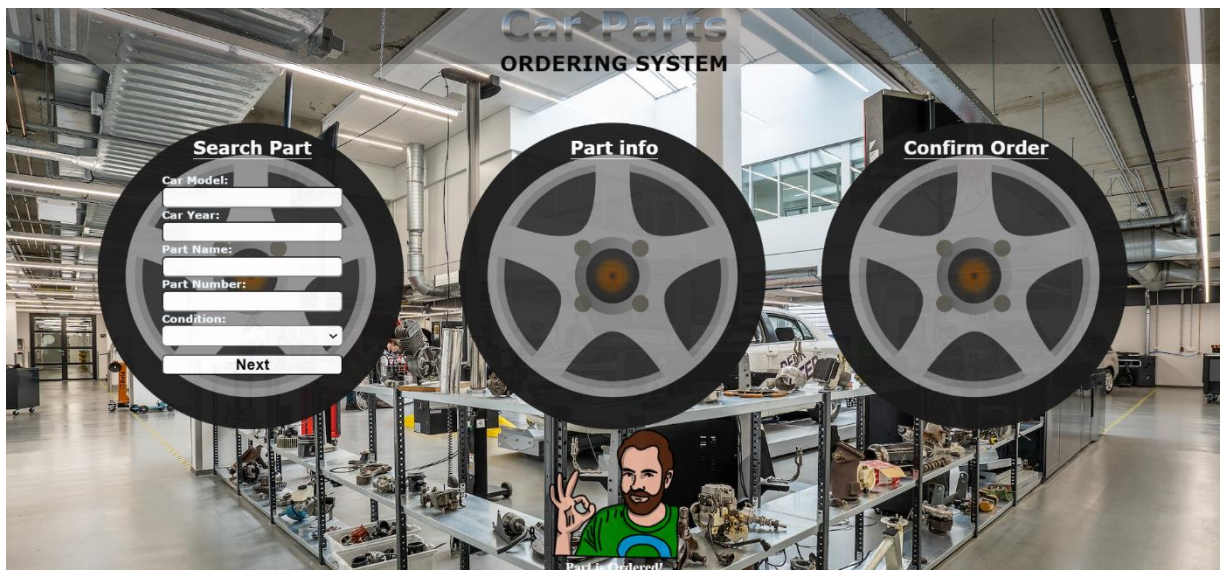
```

<h1>Confirm Order</h1>
▼<ul class="confirm-list">
  ▼<li class="part-content">
    ▼<article>
      <p>Car Model: Toyota Yaris</p>
      <p>Car Year: 2018</p>
      <p>Part Name: Air Filter</p>
      <p>Part Number: 81927271</p>
      <p>Condition: New</p>
    </article>
    <button class="confirm-btn">Confirm</button>
    <button class="cancel-btn">Cancel</button>
  </li>
</ul>

```

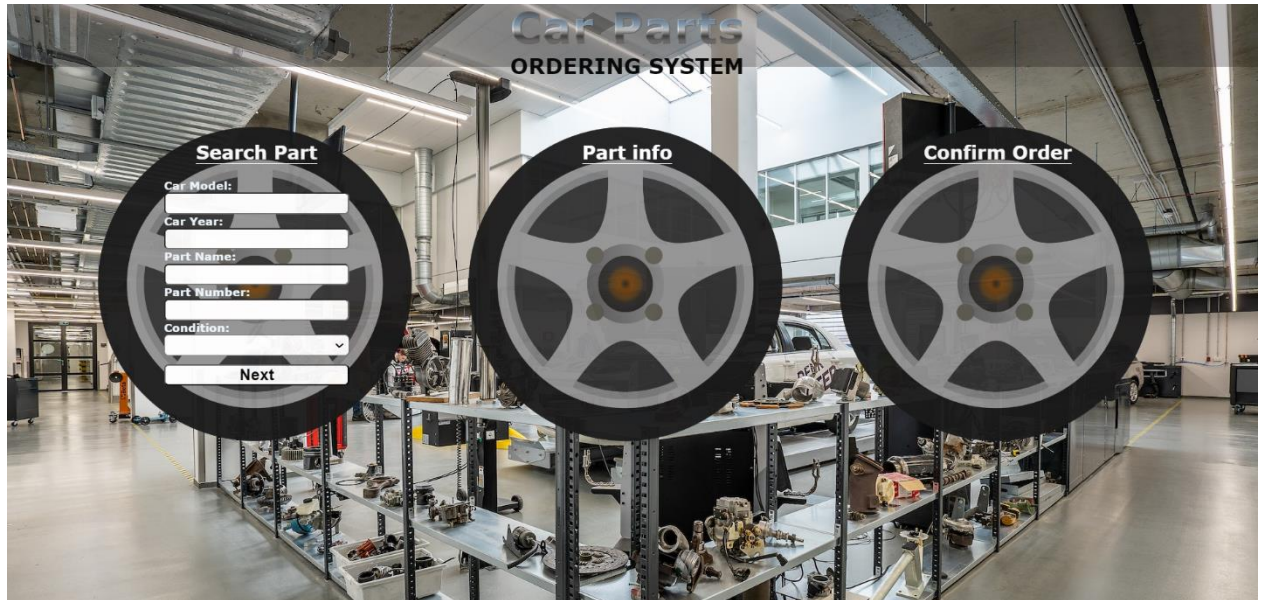
- When the "**Confirm**" button is clicked, the **list item** must be **removed**, from the "**confirm-list**", the ["**Next**"] button is **enabled** again. You must change the **visibility** property of image element with **id** "**complete-img**" to "**visible**" and add text content "**Part is Ordered!**" to paragraph with **id** "**complete-text**".

"**Confirm**" button:



- When the "**Cancel**" button is clicked, the **list item** must be **removed**, from the "**confirm-list**", the ["**Next**"] button is **enabled** again.

"**Cancel**" button:



Submission

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

GOOD LUCK... 😊