

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**.

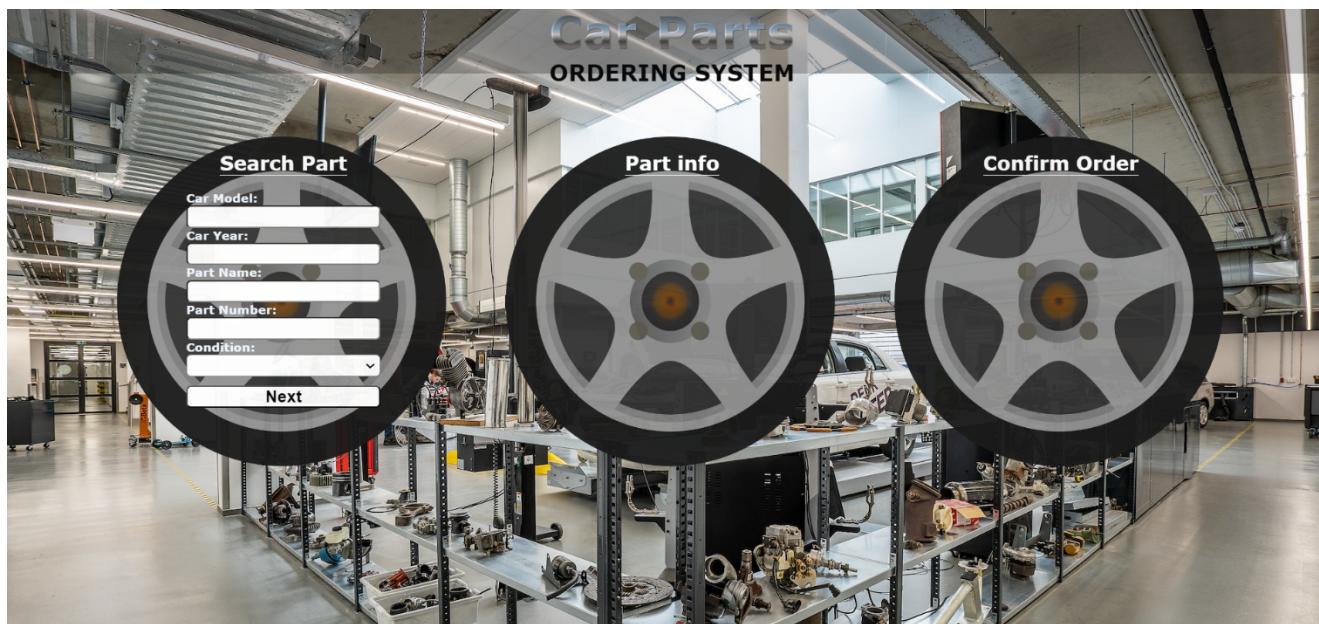
The following actions are **NOT** supported:

- `.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**, **Part Number**, 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



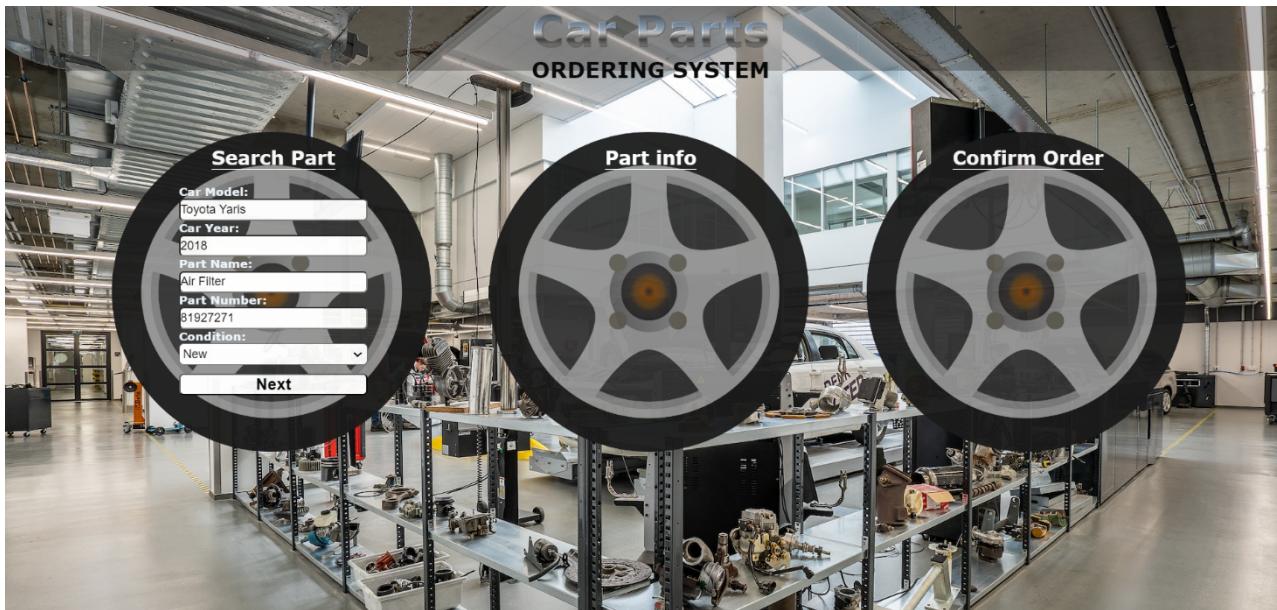
- On clicking the ["Next"] button, the information from the input fields is listed in the "Part info" section by adding a **list item** to the ".info-list" unordered list.
 - To complete the ordering cycle at the end, you need to perform the following actions:
 - Change the **visibility** property of 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:

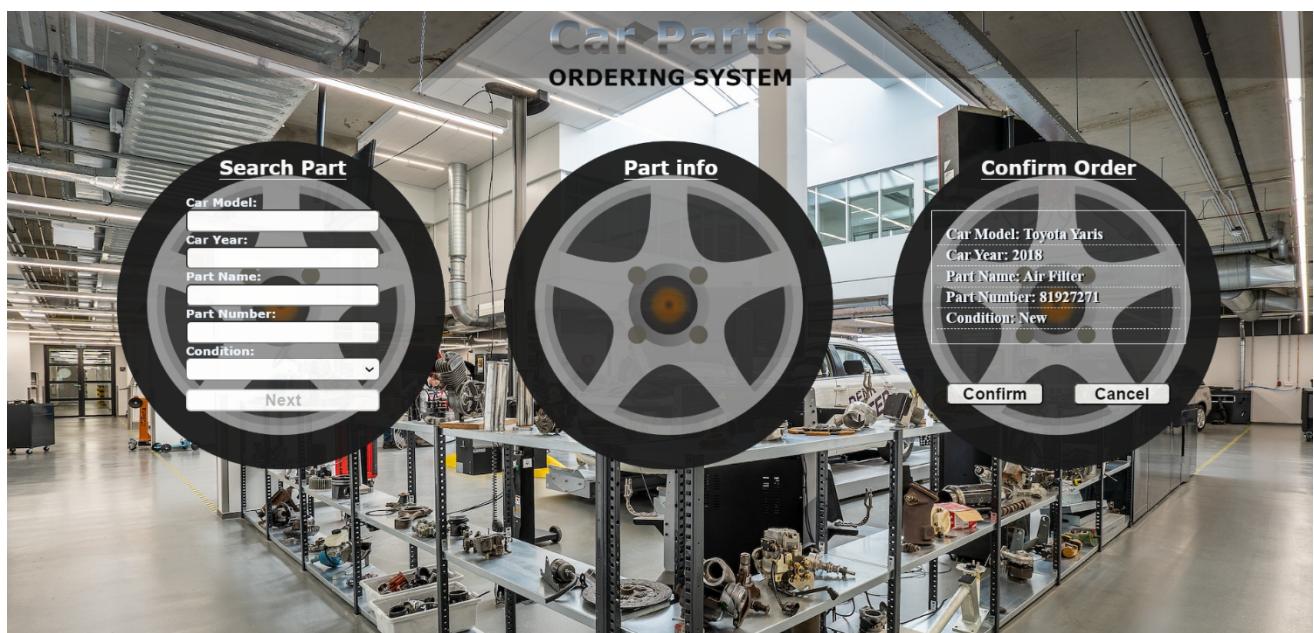
- When the "Edit" button is clicked, all of the **information** is **loaded** in the **input fields** from step 1 and all buttons in **Part info** section are **removed** while the ["Next"] button is **enabled** again.



- 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:

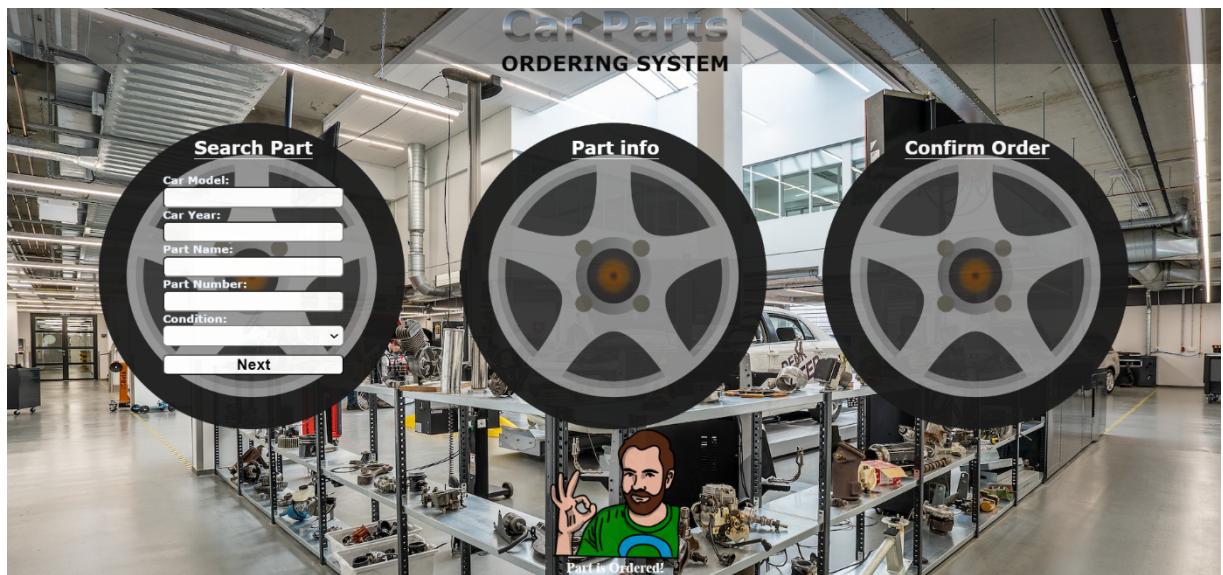
```

<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>

```

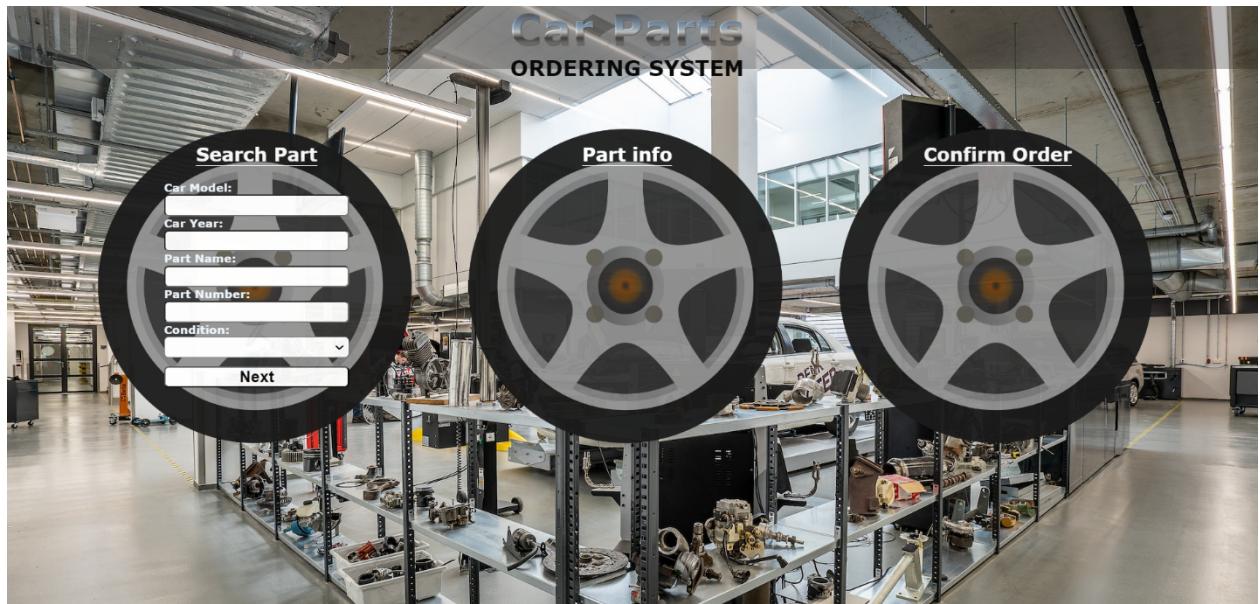
- When the "Confirm" button is clicked, the **list item** must be **removed**, from the "confirm-list", the ["Next"] button is **enabled** again. You must change the **visibility** property of image element with **id** "complete-img" to "**visible**" and **add** text content "**Part is Ordered!**" to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