

JS Advanced Final Exam

Problem 1. Travel Agency

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**.

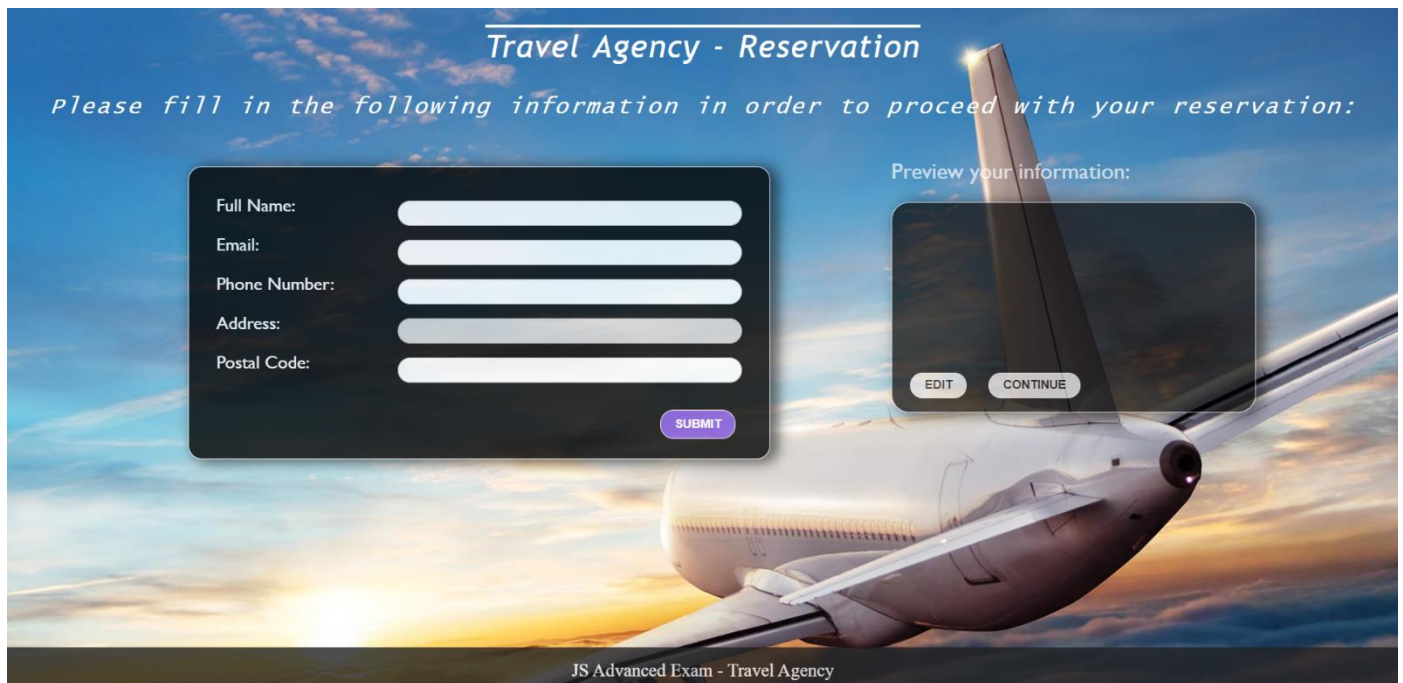
The following actions are **NOT** supported:

- `.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.

Write the missing functionality of this user interface. The functionality is divided in the following steps:



The image shows a web form titled "Travel Agency - Reservation" set against a background of an airplane taking off at sunset. The form has a dark theme with white text and input fields. It includes a "SUBMIT" button and a "Preview your information:" section with "EDIT" and "CONTINUE" buttons. The text "Please fill in the following information in order to proceed with your reservation:" is displayed above the form fields.

Travel Agency - Reservation

Please fill in the following information in order to proceed with your reservation:

Full Name:

Email:

Phone Number:

Address:

Postal Code:

Preview your information:

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1. Getting the user's personal information

Travel Agency - Reservation

Please fill in the following information in order to proceed with your reservation:

Full Name:

Email:

Phone Number:

Address:

Postal Code:

SUBMIT

Preview your information:

EDIT **CONTINUE**

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- On clicking the **“Submit”** button the information from the input fields is listed in the **“preview”** section. For each input field a **list item** is **added** to the **“infoPreview”** unordered list.
- The text format and order for each list item should be the same as on the second picture below.
- When the button is clicked, the input fields must be cleared and the **“Submit”** button must be **disabled**. At the same time the **“Edit”** button and the **“Continue”** button must be **enabled**.
- One can only submit information if the **“Full Name”** and **“Email”** input fields are **not empty**.

Travel Agency - Reservation

Please fill in the following information in order to proceed with your reservation:

Full Name:

Email:

Phone Number:

Address:

Postal Code:

SUBMIT

Preview your information:

Full Name: George Smith
Email: george.smith@gmail.com
Phone Number: 0888888888
Address: Lozenetz Sofia
Postal Code: 1000

EDIT **CONTINUE**

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2. Previewing the user's personal information

This is an example for the preview section:

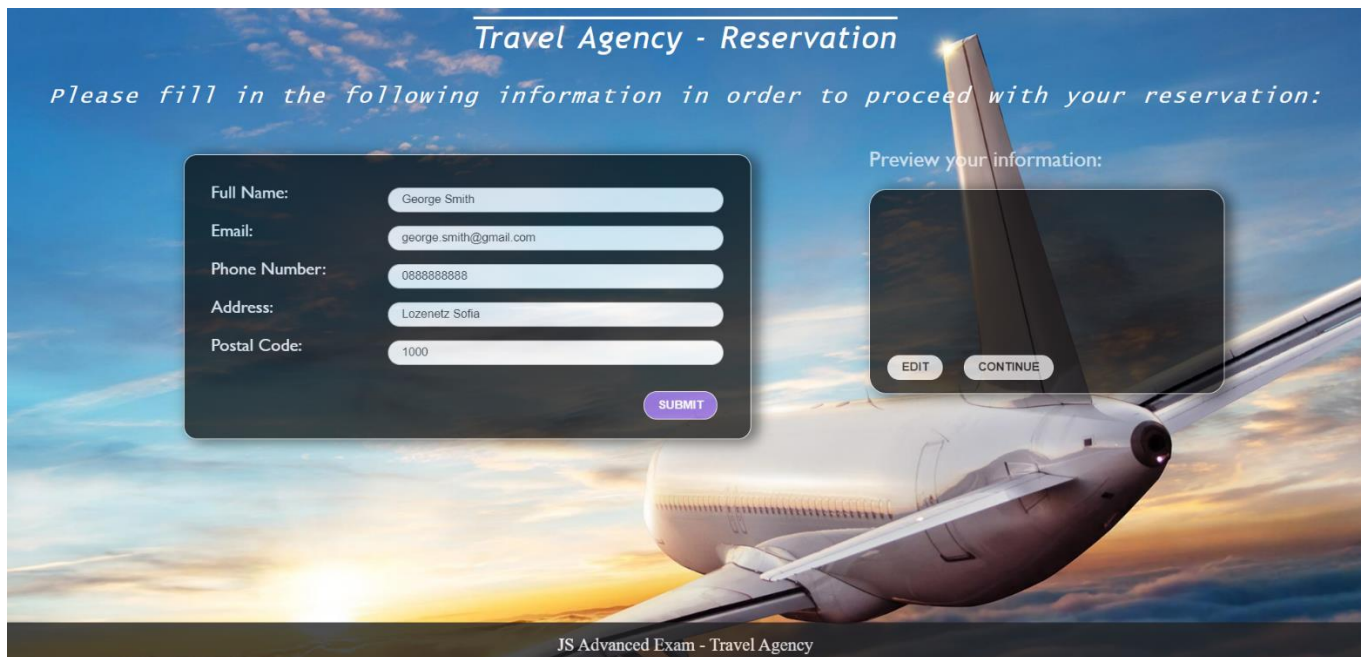
```

▼<div class="preview">
  ▼<ul id="infoPreview">
    <li>Full Name: George Smith</li>
    <li>Email: george.smith@gmail.com</li>
    <li>Phone Number: 0888888888</li>
    <li>Address: Lozenetz Sofia</li>
    <li>Postal Code: 1000</li>
  </ul>
  ►<div class="actions">...</div>
</div>

```

The functionality here is the following:

- When the “Edit” button is clicked, all of the **personal information** of the user is **loaded** in the **input fields** from step I and both the “Edit” and “Continue” buttons are **disabled** while the “Submit” button is **enabled** again.



- The **list items** must be **removed** from the “infoPreview”.

```

▼<div class="preview"> == $0
  <ul id="infoPreview"></ul>

```

- When the “Continue” button is clicked, the reservation is completed. For you, this means **removing everything** inside of the “block” <div> and **adding** there only a <h3> tag: "Thank you for your reservation!" **message**:



This is everything your webpage must contain at this step:

```
▼<div id="block">  
..  <h3>Thank you for your reservation!</h3> == $0  
    </div>
```

Submission

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