

Mid-term Exam: JAVASCRIPT

WEP 2024

{02 hrs}

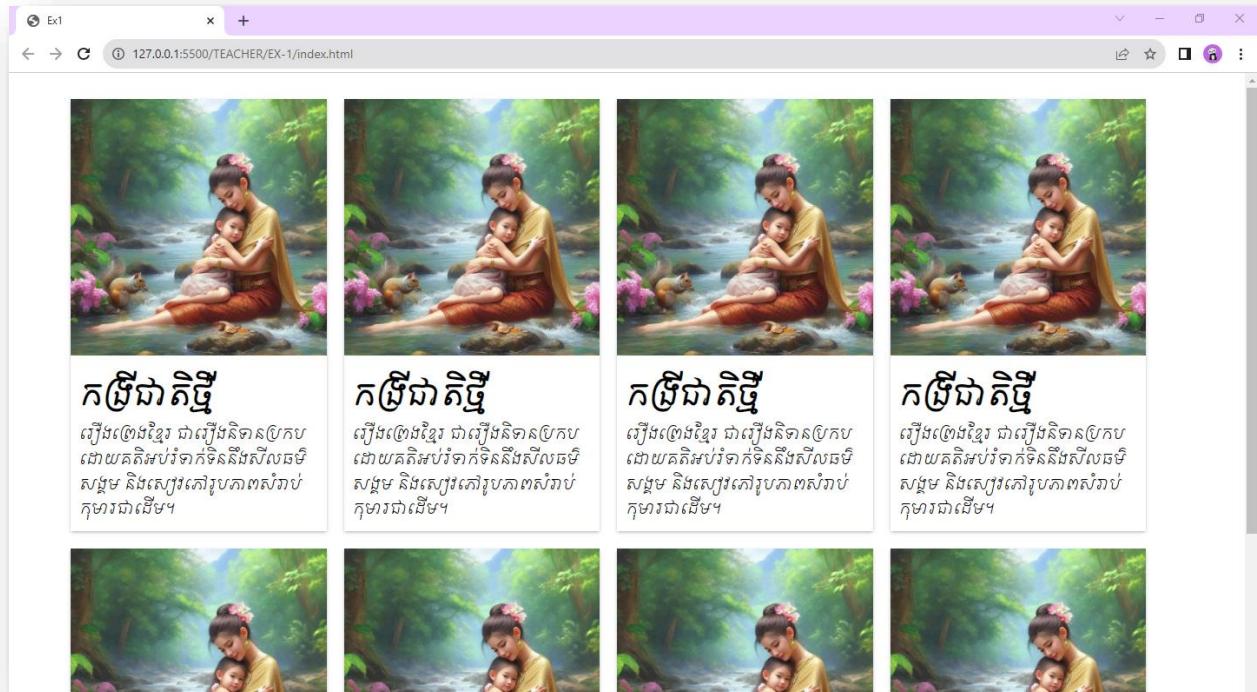
23 Nov 2024

- No documents allowed
- Internet connection is forbidden
- Chatting and talking to other students is **forbidden**
- Don't change any **CODE** in **HTML & CSS**

EXERCICES	POINT
Exercise 1	10
Exercise 2	15
Exercise 3	20
Exercise 4	25
Exercise 5	30
TOTAL	100

EXERCISE 01 - 10pt

Write **JavaScript DOM** code to display 10 poster cards as picture below:



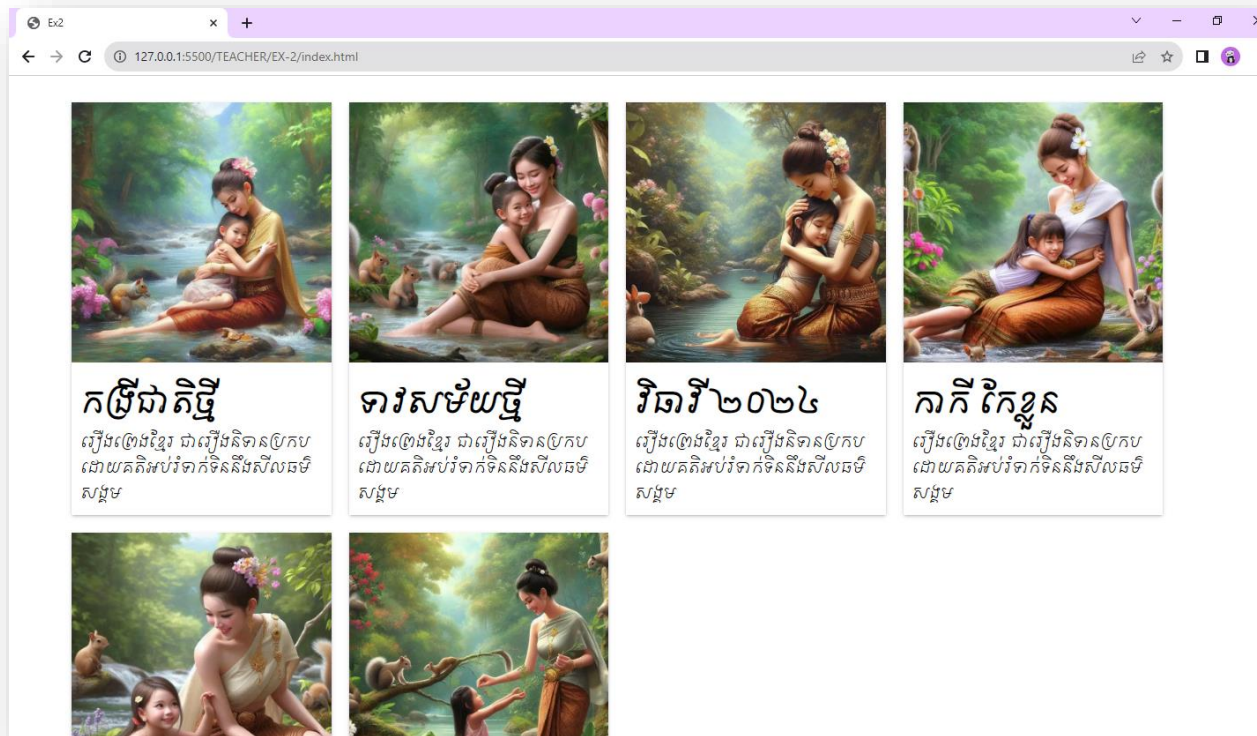
HTML expected code for each card:

```
<div class="poster">
  <div class="poster-img">
    
  </div>
  <div class="poster-text">
    <h1>កម្រិតជាតិថ្មី</h1>

    <p>
      រឿងព្រេងខ្មែរ ជាជំនាញប្រកបដោយគតិអប់រំទាក់ទងនឹងសីលធម៌សង្គម និងស្បែកភ្លេងរូបភាពសំរាប់កុមារជាដើម។
    </p>
  </div>
</div>
```

EXERCISE 02 - 15pt

Use **JavaScript DOM** code and **Array of Object** of data to display poster cards as picture below:



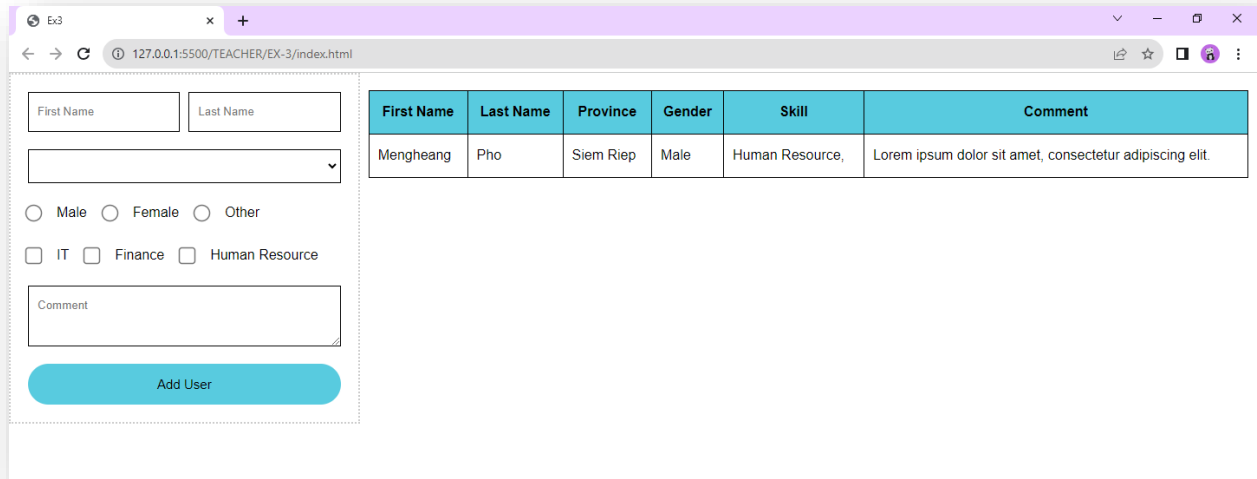
Array of Object:

```
let movieList = [  
  {  
    id: 1,  
    title: "កម្រិតជាតិថ្មី",  
    image: "images/poster-1.jpg",  
    text: "រឿងព្រេងខ្មែរ ជាម្តាយនិមិត្តប្រកបដោយកិត្តិយសបំផុតក្នុងសង្គមខ្មែរ"  
  },  
  {  
    id: 2,  
    title: "ទាសម័យថ្មី",  
    image: "images/poster-2.jpg",  
    text: "រឿងព្រេងខ្មែរ ជាម្តាយនិមិត្តប្រកបដោយកិត្តិយសបំផុតក្នុងសង្គមខ្មែរ"  
  },  
  . . . ];
```

Note: Poster Image path, title, content is a data from Array of Objects.

EXERCISE 03 - 20pt

In this exercise you need to **collect all data** from **form** to display in the table as **table row**. then **clear** all **entered data** in form.



The screenshot shows a web browser window with a single tab titled 'Ex3'. The address bar displays '127.0.0.1:5500/TEACHER/EX-3/index.html'. The page contains a form on the left and a table on the right.

Form Fields:

- First Name (text input)
- Last Name (text input)
- Province (dropdown menu)
- Gender (radio buttons: Male, Female, Other)
- Skill (checkboxes: IT, Finance, Human Resource)
- Comment (text area)
- Add User (blue button)

Table:

First Name	Last Name	Province	Gender	Skill	Comment
Mengheang	Pho	Siem Riep	Male	Human Resource,	Lorem ipsum dolor sit amet, consectetur adipiscing elit.

Note: when you click on add User button, the entered data on the form are cleared

EXERCISE 04 - 25pt

In this exercise, we want to **random Author's name** on the left box, and we want to **search for book title**.

Radon

Mengheang	Search by title			
	Book title	Author	Year	Publisher
	Strong Boy	Yon	2010	PPD
	First Lady	Mengheang	2000	PPD
	Healthy Boy	Him	2020	Lisa Library
	Football history	Rady	2001	Messi
	How to Learn JS?	Yon	2023	KSchool
	How to learn Algorithm?	Him	2023	KSchool
	How to learn Design?	Mengheang	2010	Lisa Library

❖ Random Author:

In this part, you need to **select all authors** and show their **name randomly** on the **left box as above picture**.

❖ Search record:

In this part, we need to **search for the book title**, and the **shown result** is only the book that has a title that **matches the entered title**.

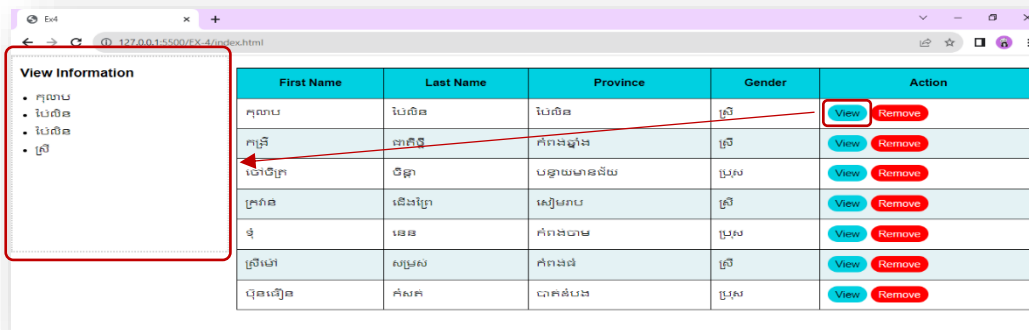
Him	d			
	Book title	Author	Year	Publisher
	First Lady	Mengheang	2000	PPD
	How to learn Design?	Mengheang	2010	Lisa Library

EXERCISE 05 - 30pt

In this exercise, we want the data for each row to be **viewed** and **deleted**.

❖ On view:

To show user data to the left box **View Information**, we need to click on the **View button**.



❖ On delete:

To Delete the user data on the **table row**, we need to click okay on the **confirmation alert**. After clicking the user data **was deleted**.

