CSE2015 - INTERNET PROGRAMMING AND WEB TECHNOLOGIES

LAB ASSESSMENT - 3

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QUESTION 1.

- Create a Doctor's Appointment form with Patient name, Age, Gender, No of Visits, Appointment Date, Department.
 - Throw an exception if age and No. of Visits are not number and negative.
 - Throw an exception for doctor's appointment during his vacation from 1/5/2022 to 31/5/2022.
 - Throw an exception for Department not specified as Paediatrician,
 Ophthalmology, Cardiac, and Dental.

HTML -

```
<form>
   <div>
       <label for="patient-name">Patient's Name: </label>
       <input type="text" id="patient-name" required /><br />
   </div>
       <label for="age">Age: </label>
       <input type="number" id="age" name="age" /><br />
    <div>
       <label for="total-visits">Number of Visits: </label>
       <input type="number" id="total-visits" name="visits"</pre>
   </div>
   <div>
        <label for="date">Appointment Date: </label>
       <input type="date" id="date" /><br />
   </div>
   <div>
       <label for="department">Department: </label>
        <input type="text" id="department" /><br />
```

JAVASCRIPT -

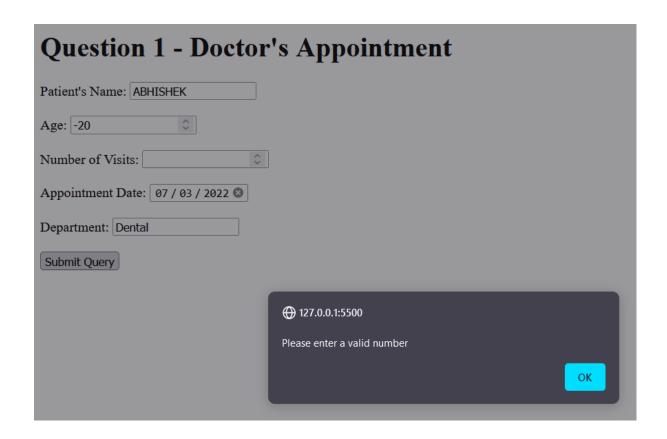
```
const form = document.querySelector('form');
const patientName = document.getElementById('patient-name');
const patientAge = document.getElementById('age');
const totalVisits = document.getElementById('total-visits');
const date = document.getElementById('date');
const department = document.getElementById('department');
const acceptableDepartments = [
    'Paediatrician',
    'Ophthalmology',
];
   e.preventDefault();
       const month = date.value.split('-')[1];
```

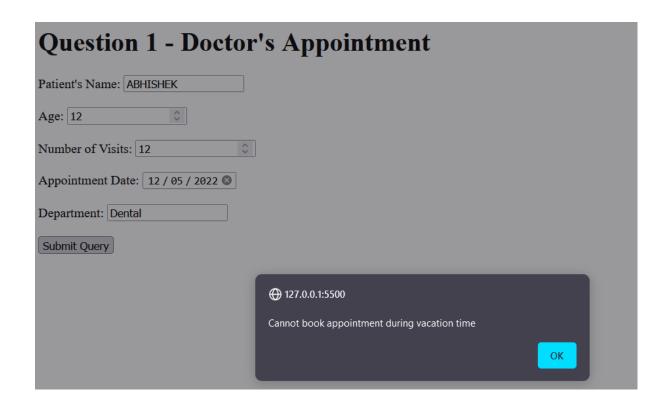
```
if (
            isNaN(patientAge.value) ||
            isNaN(totalVisits.value) ||
            totalVisits.value < 0</pre>
            throw 'Please enter a valid number';
            throw 'Please enter a valid department name';
            throw 'Cannot book appointment during vacation time';
form.addEventListener('submit', formSubmitHandler);
```

OUTPUT SCREENSHOTS -

Question 1 - Doctor's Appointment

Patient's Name:	
Age:	
Number of Visits:	\$
Appointment Date: dd / mm / yyyy	
Department:	
Submit Query	





Question 1 - Doctor's Appointment
Patient's Name: ABHISHEK
Age: 12
Number of Visits: 12
Appointment Date: 15 / 06 / 2022 🕲
Department: Trauma
Submit Query
() 127.0.0.1:5500
Please enter a valid department name OK

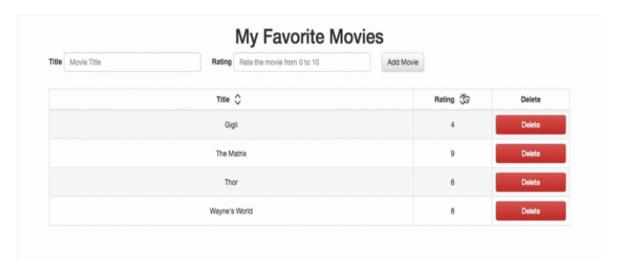
QUESTION 2.

Build a page where users can add and rate Movie Category.

This page should include the following:

- 1. A form, where you can add something to the list and rate it.
- 2. A table of all of the things you've added.
- 3. A delete button for each row of the table that lets you remove elements from the list.
- 4. Sort entries in the table by their title and their rating.

Here's an example of a movie list page



HTML -

```
<h1>Favourite movies</h1>
       <form class="container movie">
               <label>Movie Name</label>
               <input class="input" type="text" id="movieName" />
           <label>Rating</label>
           id="add-movie">Add</button>
       </form>
       <input
       <input
           onclick="sortByRating()"
```

```
<br />
           Serial No.
             Movie Name
             Rating
        </thead>
     src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js">
</script>
</html>
```

JAVASCRIPT -

```
$('#add-movie').on('click', () => {
    const movieName = $('#movieName').val();
    const rating = $('#rating').val();
```

```
const count = $('#movieList tr').length;
      $('#movieList tbody').append(
          '' +
              '' +
             '' +
btn btnsmall btn-danger">Delete</a>'
});
$(document).on('click', '.remCF1', function () {
   $(this).parent().parent().remove();
   $('#movieList tbody tr').each((i) => {
});
const sortByMovie = () => {
   const table = $('#tbl');
```

```
if ($('#movie_order').val() == 'asc') {
               return $('td:nth-child(2)', a)
                    .localeCompare($('td:nth-child(2)', b).text());
               return $('td:nth-child(2)', b)
                    .text()
                   .localeCompare($('td:nth-child(2)', a).text());
        .appendTo(tbody);
       $('#movie order').value = 'asc';
};
const sortByRating = () => {
   const table = $('#tbl');
```

```
return $('td:nth-child(3)', a)
    .appendTo(tbody);
const sortingOrder = $('#rating-order').val();
```

OUTPUT SCREENSHOTS -

Favourite movies

Movie Name	
Rating	
Add	
sort by movie sort by rating	

Serial No. Movie Name Rating Delete

Add movie

Favourite movies

Movie Name	Titanic		
Rating 10		\$	
Add			
sort by movie	sort by rati	ing	
Serial No. Movie Name Rating Delete			
1 Ti	itanic	10	<u>Delete</u>

Sort by movie

Favourite movies

Movie 1	Name Thor		
Rating	9.5	\$	
Add			
sort by movie sort by rating			
Serial :	No. Movie Nan	1e Rati1	ıg Delete
1	Titanic	10	Delete
4	Thor	9.5	<u>Delete</u>
3	Hulk	9	Delete
2	Avengers	10	Delete

Sort by rating

Favourite movies

Movie	Name Thor		
Rating	9.5	\$	
Add			
sort by movie sort by rating			
Serial	l No. Movie Nan	1e Rati1	ıg Delete
4	Thor	9.5	Delete
3	Hulk	9	Delete
1	Titanic	10	Delete
2	Avengers	10	Delete

Delete movie

Favourite movies

Movie Name	Thor		
Rating 9.5		\$	
Add			
sort by movie sort by rating			
Serial No. I	Movie Name	Rating	Delete
4	Γhor	9.5	Delete
3 I	Hulk	9	Delete
2 A	Avengers	10	Delete