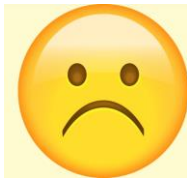


| | | |
|---|--------------------|----------------------------|
| Name: Sriram R | SRN: PES1UG20CS435 | Section: H |
| | Date: 02-10-2021 | Unit 2 Assignment Exercise |
| PROBLEM STATEMENT1 (for odd number SRNs): | | |
| <p>I. Create a Sign-up form that takes the following inputs:</p> <p>First name, Last name, Email address, Phone number and Address.</p> <p>a) All inputs except Last Name are mandatory fields. Validate email id for correct format and phone number should be 10 digits.</p> <p>b) Use addEventListener() for adding events. When you press submit button, use capturing phase.</p> <p>c) If mandatory fields are not filled, then display the following</p> <p>a) Alert message should display incorrect fields, followed by Emoji in canvas.</p> <p>II. Write jQuery code to accomplish the following:</p> <ol style="list-style-type: none"> 1. Add a header and paragraph your own way using CSS 2. Remove the header and paragraph styles applied in step 1 using jQuery 3. To toggle between fading in and fading out a header element on a Button click 4. Using Ajax create a video element and display the video on the webpage. <p>Note: the sample screenshot of output is just for your reference. You have to design your own template.</p> | | |
| OBJECTIVE | | |
| The objective of this exercise is to test the student on HTML and JavaScript. It evaluates the student's knowledge on HTML5 and jQuery/JavaScript for DOM, events, event handling CSS Styles, AJAX | | |
| PREREQUISITE | | |
| In order to complete this exercise, the student needs to understand the fundamentals of HTML5, JavaScript and jQuery. | | |

SAMPLE SCREENSHOT OF OUTPUT (Just for your reference)**SAMPLE1:
Sign Up Form Example**

| | | |
|---------------------|---------------------------------------|----------------------|
| First, Last Name*: | <input type="text"/> | <input type="text"/> |
| Organization: | <input type="text"/> | |
| Email address*: | <input type="text"/> | |
| Work Phone: | <input type="text"/> | |
| Home Phone: | <input type="text"/> | |
| Cell Phone: | <input type="text"/> | |
| Fax: | <input type="text"/> | |
| Address 1*: | <input type="text"/> | |
| Address 2: | <input type="text"/> | |
| City*: | <input type="text"/> | |
| State/Province: | <input type="text"/> | |
| Zip/Postal Code: | <input type="text"/> | |
| Country*: | <input type="text"/> | |
| * - required fields | <input type="button" value="Submit"/> | |

**PROGRAM****Problem statement I :****assg1.html :**`<!DOCTYPE html>``<html lang="en" dir="ltr">``<head>``<meta charset="utf-8">``<title>Sign-up form</title>``</head>`

[illegible]

assq1.js :

```
document.getElementById("email1").addEventListener("invalid",imgShow);
document.getElementById("num2").addEventListener("invalid",imgShow);
document.getElementById("addr1").addEventListener("invalid",imgShow);
```

```
var image2 = new Image();
image2.src="emoji.jpg";
var c2 = document.getElementById("emoji");
var can = c2.getContext("2d");
```

```
image2.height="25";
image2.width="25";
image2.hide;
```

```
function imgShow(){
    alert("Email / Home phone / Address 1 incorrect. Please try again ... ");
    can.drawImage(image2,1,1);
}
```

Problem statement II :

assgn1.html :

```
<!DOCTYPE html>
```

```
<html lang="en" dir="ltr">
```

```
<head>
```

```
<meta charset="utf-8">
```

```
<title>jQuery question</title>
```

```
</head>
```

```
<body>
```

```
<script src="https://code.jquery.com/jquery-3.6.0.js" integrity="sha256-
H+K7U5CnXl1h5ywQfKtSj8PCmoN9aaq30gDh27Xc0jk=" crossorigin="anonymous"></script>
<script>
```

```
$(document).ready(function(){
```

```
$("#disappear").click(function(){
```

```
$(".mainHead").css("color", "");
$(".para").hide();
});

$("#headerFade").click(function(){
    $(".mainHead").fadeToggle("slow")
});

$("#reset").click(function(){
    $(".mainHead").css("color", "blue");
    $(".para").show();

});

$('.getVideo').click(() => {
    fetch('abc.mp4')
    .then((resp) => {
        alert(resp.status);
        return resp.blob();
    }).then((vid) => {
        var video=$("#video")
        video.width = 300;

        video.src = 'abc.mp4';
        document.body.appendChild(video);
        video.controls = true;
    });
});
});

</script>

<h1 class="mainHead" style="color: blue;">Header tag</h1>
<p class="para" style="color: brown;">
    Pressing the change button will disappear this p tag and change the header color
</p>
<button id="disappear">change</button>
<button id="reset">reset page</button>
<button id="headerFade">toggleHeaderFade</button>
<br>
```

Unit 2: HTML5, jQuery and Ajax

```
<video class="getVideo1" src="abc.mp4" controls autoplay width="480"  
height="360"></video>
```

```
</body>
```

```
</html>
```

SCREENSHOT OF YOUR OUTPUT

I.

First, Last Name* :

Organisation :

Email Address :

Work phone :

Home phone* :


Cell phone :

Fax :

Address 1* :

Address 2 :

* - Required fields



First, Last Name* :

Organisation :

Email Address :

Work phone :

Home phone* :


Cell phone :

Fax :

Address 1* :

Address 2 :

* - Required fields



First, Last Name* :

Organisation :

Email Address :

Work phone :

Home phone* :


Cell phone :


Fax :

Address 1* :

Address 2 :

* - Required fields



 file://

Email / Home phone / Address 1 incorrect. Please try again ...

First, Last Name* :

Organisation :

Please fill out this field.

Email Address :

Work phone :

Home phone* :


Cell phone :

Fax :

Address 1* :

Address 2 :

* - Required fields



First, Last Name* :

Organisation :

Email Address :

Work phone :

Home phone* :

Cell phone :

Fax :

Address 1* :

Address 2 :

* - Required fields



First, Last Name* :

Organisation :

Email Address :

Work phone :

Home phone* :

Cell phone :

Fax :

Address 1* :

Address 2 :

* - Required fields



First, Last Name* :

Organisation :

Email Address* :

Work phone :

Home phone* :

Cell phone :

Fax :

Address 1* :

Address 2 :

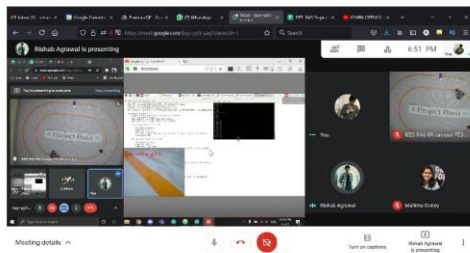
* - Required fields



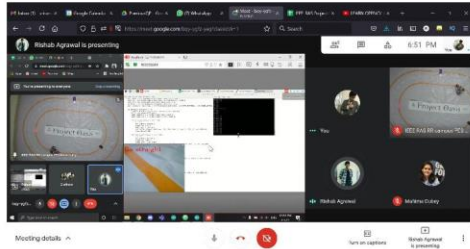
II.

Header tag

Pressing the change button will disappear this p tag and change the header color

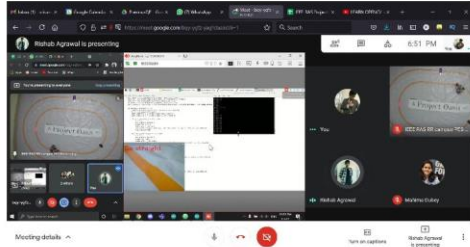


Header tag



Header tag

Pressing the change button will disappear this p tag and change the header color



Header tag

Pressing the change button will disappear this p tag and change the header color

change reset page toggleHeaderFade

