

Internet and Web Programming
CSE3002
Fall Semester 2020-21

Lab Assignment 1

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Question:

Design a website to demonstrate the knowledge of students in HTML tags, forms, table, list and HTML frames.

- i. Create a user registration webpage using HTML Form elements (Input types) for a hackathon event registration. The webpage must contain the following input types to get the details of the students
- ii. # Input Types:- Textfields, Textarea, checkbox, radio button, submit button, reset button, drop down box, images (if required).
- iii. # Apply styles, Formatting tags of HTML for good design.
- iv. # Embed audio or video.
- v. # Perform form validations with HTML 5 elements.

Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>18BCE0265 IWP Lab DA - 1</title>
</head>
<style>
  body{
    background-color: rgb(20,20,20);
    font-family: Verdana, Geneva, Tahoma, sans-serif;
    color: rgb(16, 229, 125);
  }
  h1{
    font-size: 3em;
  }
  #nameHeading,
  #regNoHeading,
  #emailHeading,
```

```

#mobNoHeading,
#ideaHeading,
#yearHeading,
#branchHeading,
#domainHeading{
    font-size: 1.2em;
    font-weight: 700;
    font-family: Verdana, Geneva, Tahoma, sans-serif;
}
#name,
#regNo,
#email,
#mobNo,
#idea{
    height: auto;
    width: auto;
    padding: 5px 10px 5px 10px;
    text-transform: capitalize;
    background-color: rgb(20,20,20);
    border: 2px solid rgb(156,156,156);
    border-radius: 5px;
    color: white;
    font-size: 1.2em;
    font-family: Verdana, Geneva, Tahoma, sans-serif;
}
#mobPrefix{
    border: 1px solid rgb(156,156,156);
    border-radius: 5px;
}
div,
#first,
#second,
#third,
#fourth{
    font-size: 1.2em;
    font-family: Verdana, Geneva, Tahoma, sans-serif;
}
</style>
<body>
    <h1 align="center">Hackathon Registration</h1>
    <form action="submit" method="post">
        <table align="center" cellpadding=10>
            <tr>
                <td>
                    <label id="nameHeading" for="name">Name</label><br>
                </td>
                <td>
                    <input type="text" id="name" name="name" required>
                </td>
            </tr>
            <tr>

```

```

        <td>
            <label id="regNoHeading" for="regNo">Registration
Number</label><br>
        </td>
        <td>
            <input type="text" id="regNo" name="regNo" style="text-
transform: uppercase;" required>
        </td>
    </tr>
    <tr>
        <td>
            <label id="emailHeading" for="email">VIT Email</label><br>
        </td>
        <td>
            <input type="email" id="email" name="email" style="text-
transform: lowercase;" pattern="[1-9]{2}[A-Z]{3}[0-9]{3}[1-9]" title="Enter valid
registration number" required>
        </td>
    </tr>
    <tr>
        <td>
            <label id="mobNoHeading" for="mobNo">Mobile Number</label><br>
        </td>
        <td>
            <input type="text" id="mobNo" name="mobNo" pattern="[1-9][0-
9]{9}" title="Enter valid mobile number" required>
        </td>
    </tr>
    <tr>
        <td>
            <label id="ideaHeading" for="ideaHeading">Idea
Description</label><br>
        </td>
        <td>
            <textarea type="text" id="idea" name="idea" cols="25" rows="5"
required></textarea>
        </td>
    </tr>
    <tr>
        <td>
            <label id="yearHeading" for="yearHeading">Year</label><br>
        </td>
        <td>
            <label id="first" for="">First</label>
            <input name="year" type="radio" value="first" checked>
            <label id="second" for="">Second</label>
            <input name="year" type="radio" value="second">
            <label id="third" for="">Third</label>
            <input name="year" type="radio" value="thirst">
            <label id="fourth" for="">Fourth</label>
            <input name="year" type="radio" value="fourth">

```

```

        </td>
    </tr>
    <tr>
        <td>
            <label id="branchHeading" for="branch">Branch</label>
        </td>
        <td>
            <select name="branch">
                <option>Computer Science Engineering</option>
                <option>Information Technology Engineering</option>
                <option>Electronics and Communication Engineering</option>
                <option>Electronics and Electrical Engineering</option>
                <option>Electronics and Instrumentation
Engineering</option>
                <option>Civil Engineering</option>
                <option>Chemical Engineering</option>
                <option>Mechanical Engineering</option>
            </select>
        </td>
    </tr>
    <tr>
        <td>
            <label id="domainHeading">Domain</label>
        </td>
        <td>
            <div id="checkbox">
                <label for="">Backend</label>
                <input name="role" class="role" type="checkbox"
value="backend">
                <label for="">Web</label>
                <input name="role" class="role" type="checkbox"
value="web">
                <label for="">App</label>
                <input name="role" type="checkbox" value="app">
                <label for="">Designer</label>
                <input name="role" type="checkbox" value="designer">
                <label for="">Other</label>
                <input name="role" type="checkbox" value="other">
            </div>
        </td>
    </tr>
    <tr>
        <td>
            <input type="submit" value="Submit">
            <input type="reset" value="Clear">
        </td>
    </tr>
</table>
<table align="center" cellpadding="20">
    <tr>
        <td>

```

```

        <iframe width="600" height="300"
src="https://www.youtube.com/embed/DPnqb74Smug" frameborder="0"
allow="accelerometer; autoplay; encrypted-media; gyroscope; picture-in-picture"
allowfullscreen></iframe>
    </td>
</tr>
</table>
</form>
<p style="text-align: center;">
    
</p>
</body>
</html>

```

Output:

The screenshot shows a web browser window with the URL 127.0.0.1. The page title is "Hackathon Registration". The form contains the following fields:

- Name**: Text input field.
- Registration Number**: Text input field.
- VIT Email**: Text input field.
- Mobile Number**: Text input field.
- Idea Description**: Text area.
- Year**: Radio buttons for First, Second (selected), Third, and Fourth.
- Branch**: Dropdown menu showing "Computer Science Engineering".
- Domain**: Checkboxes for Backend, Web, App, Designer, and Other.

At the bottom of the form are "Submit" and "Clear" buttons. Below the form is a video player for "Learn HTML5 Full Course" with a play button and a share icon.

