

NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ACADEMIC YEAR: 2020-21 EVEN

ASSIGNMENT: 1 [Group – 1]

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COURSE CODE:	20CSE61
COURSE NAME:	WEB FRAMEWORKS AND TECHNOLOGIES
SEM:	6A
DATE OF SUBMISSION:	10/4/2021

1. How would you code using html for displaying table of countries, their capitals and currency. Provide the currency image for each country. Apply proper style for the table border. Analyse the tags used in the documents.

PROGRAM CODE:

```
<html>
  <style>

    table {
      width:60%;
    }
    table, th, td {
      border: 1px solid black;
      border-collapse: collapse;
    }
    th{
      background-color: #8c704d;
      color: cornsilk;
    }
    th, td {
      padding: 15px;
      text-align: center;
      font-family: cursive;
    }
    img{
      width: 150px;
      height:140px;
    }
  </style>
  <body>
    <table align="center">
      <tr>
        <th></th>
        <th>COUNTRY</th>
        <th>CAPITAL</th>
        <th>CURRENCY</th>
      </tr>
      <tr>
        <td>1.</td>
        <td>Afghanistan</td>
        <td>Kabul</td>
        <td style='background-color: #b2beb5;'>
          <br>Afghani</td>
        </tr>
      <tr>
        <td>2.</td>
        <td>Bangladesh</td>
        <td>Dhaka</td>
```

```

        <td style='background-color: #b2beb5;'>
        <br>Taka</td>

    </tr>
    <tr>
        <td>3.</td>
        <td>Canada</td>
        <td>Ottawa</td>
        <td style='background-color: #b2beb5;'>
        <br>Canadian dollar</td>

    </tr>
    <tr>
        <td>4.</td>
        <td>Egypt</td>
        <td>Cairo</td>
        <td style='background-color: #b2beb5;'>
        <br>Egyptian pound</td>




    </tr>
    <tr>
        <td>5.</td>
        <td>France</td>
        <td>Paris</td>
        <td style='background-color: #b2beb5;'>
        <br>Euro (formerly French franc)</td>





    </tr>
</table>
</body>
</html>

```

Note: Insert images of currency before executing

OUTPUT SCREEN SHOTS:

	COUNTRY	CAPITAL	CURRENCY
1.	Afghanistan	Kabul	 Afghani
2.	Bangladesh	Dhaka	 Taka
3.	Canada	Ottawa	

2.	Bangladesh	Dhaka	 Taka
3.	Canada	Ottawa	 Canadian dollar
4.	Egypt	Cairo	 Egyptian pound
5.	France	Paris	 Euro (formerly French franc)

2. Select the list which will be displaying the items without any order. Provide the example with nested list concept for displaying your favourite movie and the actors involved in the movie with their roles.

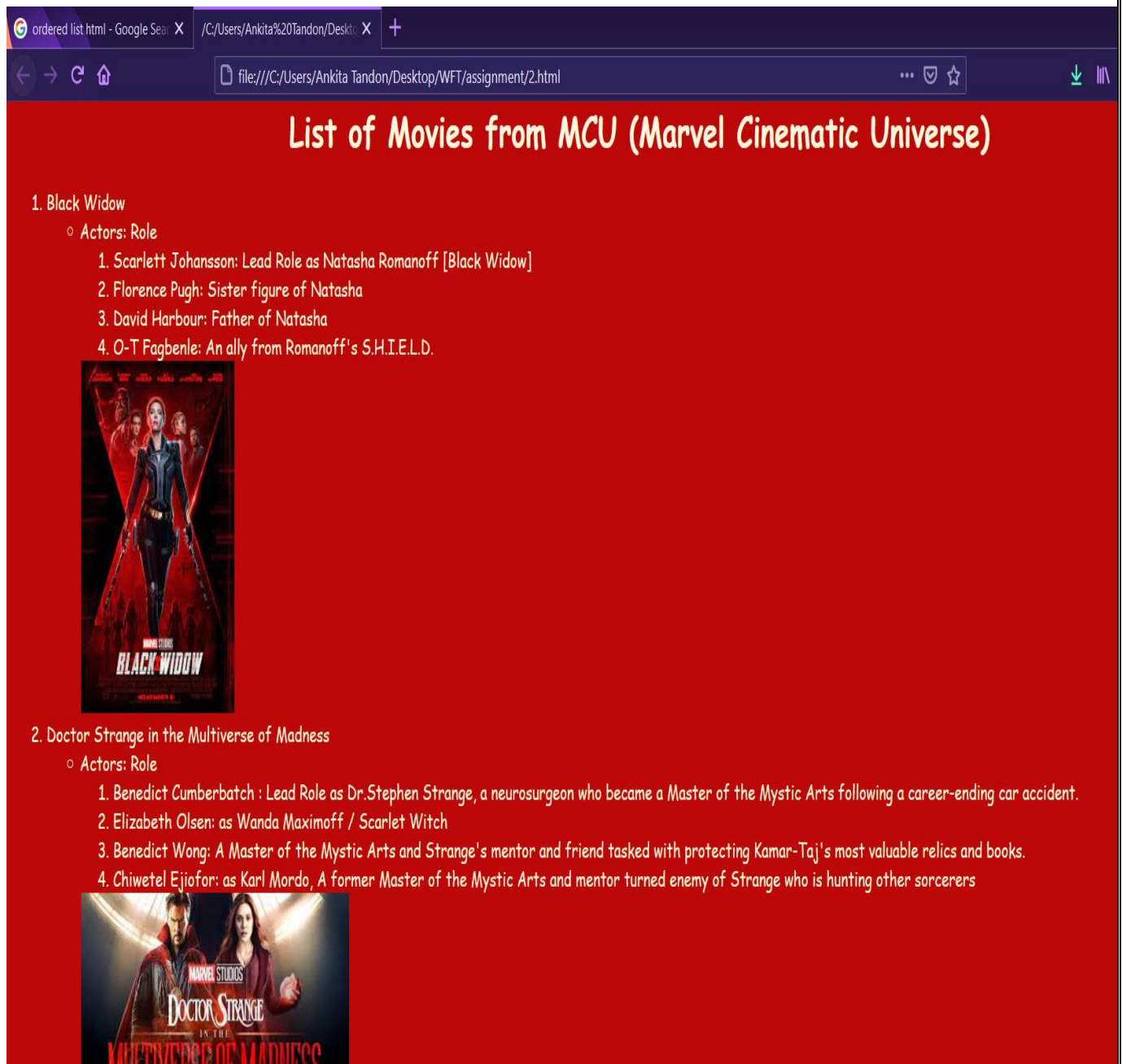
PROGRAM CODE:

```
<html>
  <style>
    body{
      background-color: rgb(187, 8, 8);
      color: cornsilk;
      font-family: cursive;
    }
    h1{
      text-align: center;
    }
  </style>
  <body>
    <h1> List of Movies from MCU (Marvel Cinematic Universe)</h1>
    <ol>
      <li>Black Widow</li>
      <ul>
        <li>Actors: Role</li>
        <ol>
          <li>Scarlett Johansson: Lead Role as Natasha Romanoff
            [Black Widow]</li>
          <li>Florence Pugh: Sister figure of Natasha </li>
          <li>David Harbour: Father of Natasha</li>
          <li>O-T Fagbenle: An ally from Romanoff's S.H.I.E.L.D. </li>
        </ol>
      </ul>
      &nbsp; &nbsp; <br>
      <li>Doctor Strange in the Multiverse of Madness</li>
      <ul>
        <li>Actors: Role</li>
        <ol>
          <li>Benedict Cumberbatch : Lead Role as Dr.Stephen Strange,
            a neurosurgeon who became a Master of the
            Mystic Arts following a career-ending car accident.</li>
          <li>Elizabeth Olsen: as Wanda Maximoff / Scarlet Witch </li>
          <li>Benedict Wong: A Master of the Mystic Arts and
            Strange's mentor and friend tasked with protecting
            Kamar-Taj's most valuable relics and books.</li>
          <li>Chiwetel Ejiofor: as Karl Mordo,
            A former Master of the Mystic Arts and mentor turned
            enemy of Strange who is hunting other sorcerers </li>
        </ol>
      </ul>
    </ol>
```

```
&emsp; &emsp; <br>
</ol>
</body>
</html>
```

Note: Images to be inserted

OUTPUT SCREEN SHOTS:



3. Analyse the following tags without put `<html>`, `<form>`, `<div>`, ``, and `<frameset>` tags with their properties

- i) **`<html>`**: The HTML document itself begins with `<html>` and ends with `</html>`.
- ii) **`<body>`**: The visible part of the HTML document is between `<body>` and `</body>`.
- iii) **`<div>`**: The div is monopolized by one layer, and the div is not allowed to have anything else.
- iv) **``**: The span tag does not occupy a single line. Span is generally used to set the font.
- v) **`<frameset>`**: The `<frameset>` tag defines, how to divide the window into frames. The rows attribute of `<frameset>` tag defines horizontal frames and cols attribute defines vertical frames.
- vi) **`<frame>`**: Each frame is indicated by `<frame>` tag and it defines which HTML document shall open into the frame.
- vii) **`<form>`**: An HTML form is used to collect user input. The user input is most often sent to a server for processing. The `<form>` element is a container for different types of input elements, such as: text fields, checkboxes, radio buttons, submit buttons, etc.

PROGRAM CODE:

File 1: pgm3.html [Use of *frameset* and *frames*]

```
<html>
  <frameset cols="50%,50%" bordercolor="pink">
    <frame src="form.html" scrolling="no">
    <frame src="divSpan.html">
  </frameset>
</html>
```

File 2: form.html [Use of *form*]

```
<html>

  <style>
    body{
      background-color: darkcyan;
      color: cornsilk;
      font-family: cursive;
    }
  </style>
```

```

<body>
  <form action="/action_page.php" method="post">
    <br><br>
    <form>
      <table style="border:'none'" height='600px' width='650px'
        align='center' cellpadding='10'>
        <tr>
          <td colspan="4" align="center" ><b>
            REGISTRATION FORM</b></td>

        </tr>
        <tr>
          <td colspan="2" align="right" cellpadding="15">NAME</td>
          <td colspan="2"><input type="text" name="namefield"
            width="800" required></td>
        </tr>

        <tr>
          <td colspan="2" align="right" cellpadding="15">AGE</td>
          <td colspan="2"><input type="number" name="agefield"
            width="800" required></td>
        </tr>
        <tr>
          <td colspan="2" align="right" cellpadding="15">
            PHONE NUMBER</td>
          <td colspan="2"><input type="tel" name="telfield"
            width="800" required></td>
        </tr>
        <tr>
          <td colspan="2" align="right" cellpadding="15">EMAIL</td>
          <td colspan="2"><input type="email" name="mailfield"
            width="800" required></td>
        </tr>
        <tr>
          <td colspan="2" align="right" cellpadding="15">GENDER</td>
          <td colspan="2"><input type="radio" name="gendername"
            title="Female"width="800" required>
            <label for="Female">Female</label>

            <input type="radio" name="gendername"
            title="Male" width="800">
            <label for="Male">Male</label>

            <input type="radio" name="gendername"
            title="Other"width="800">
            <label for="Other">Other</label></td>
        </tr>

        <tr>

```



```

        <td colspan="2" align="right" cellpadding="15">DOB</td>
        <td colspan="2"><input type="date" name="datetimefield"
            width="800" required></td>
    </tr>

    <tr>
        <td colspan="2" align="right" cellpadding="15">
            ADDRESS DETAILS</td>
        <td colspan="2"><textarea name="message" rows="5"
            cols="30"></textarea></td>
    </tr>
    <tr>
        <td colspan="3" align="center"><button type="reset"
            name="resetfield">RESET</button></td>
        <td colspan="2"><button type="submit" name="submitfield">
SUBMIT</button></td>
    </tr>

</table></form>

</body>
</html>

```

File 3: divSpan.html [Use of *div* and *span* tags]

```

<html>
    <style>
        body{
            background-color: crimson;
            color:cornsilk;
        }
    </style>
    <body>
        <div style="background-color:#ABD2FF;color:black;padding:20px;">
            <div style="font-family: cursive;">
                <h2> Use of Div Tag:</h2>
                <p> Hey There! This is Ankita Tandon from 6A </p>
            </div>

            <h2>Use of Span Tag: </h2>
            <p>I am <span style="color:red;font-
weight:bold"> curious </span> about what you're thinking.</p>

        </body>
    </html>>

```

OUTPUT:

The screenshot shows a web browser window with a teal background for the main content area and a light blue sidebar on the right. The main content area contains a registration form with the following fields and labels:

- REGISTRATION FORM
- NAME
- AGE
- PHONE NUMBER
- EMAIL
- GENDER ☐ Female ☐ Male ☐ Other
- DOB
- ADDRESS DETAILS
- RESET
- SUBMIT

The sidebar on the right contains the following text:

- Use of Div Tag:
Hey There! This is Ankita Tandon from 6A
- Use of Span Tag:
I am **curious** about what you're thinking.
- >

4. Analyse all the tags involved in creating the user form with the personal information about the employee such as name, employee id, age, gender, salary details, breakfast option to choose from 4 food items.

PROGRAM CODE:

```
<html>
  <style>
    body{
      background-color: darkcyan;
      color: cornsilk;
      font-family: cursive;
    }
  </style>
  <body>
    <form action="/action_page.php" method="post">
      <br><br>
      <form>
        <table style="border:'none'" height='600px' width='650px'
          align='center' cellpadding='10'>
          <tr>
            <td colspan="4" align="center" >
              <b>REGISTRATION FORM </b></td>

          </tr>
          <tr>
            <td colspan="2" align="right" cellpadding="15">NAME</td>
            <td colspan="2"><input type="text" name="namefield"
              width="800" required></td>

          </tr>
          <tr>
            <td colspan="2" align="right" cellpadding="15">
              EMPLOYEE ID</td>
            <td colspan="2"><input type="text" name="eidfield"
              width="800" required></td>

          </tr>
          <tr>
            <td colspan="2" align="right" cellpadding="15">AGE</td>
            <td colspan="2"><input type="number" name="agefield"
              width="800" required></td>

          </tr>
          <tr>
            <td colspan="2" align="right" cellpadding="15">
              PHONE NUMBER</td>
            <td colspan="2"><input type="tel" name="telfield"
              width="800" required></td>

          </tr>
          <tr>
            <td colspan="2" align="right" cellpadding="15">EMAIL</td>
```

```

        <td colspan="2"><input type="email" name="mailfield"
            width="800" required></td>
    </tr>
    <tr>
        <td colspan="2" align="right" cellpadding="15">GENDER</td>
        <td colspan="2"><input type="radio" name="gendername"
            title="Female" width="800" required>
            <label for="Female">Female</label>

            <input type="radio" name="gendername"
            title="Male" width="800">
            <label for="Male">Male</label>

            <input type="radio" name="gendername"
            title="Other" width="800">
            <label for="Other">Other</label></td>
    </tr>
    <tr>
        <td colspan="2" align="right" cellpadding="15">SALARY</td>
        <td colspan="2"><input type="number" name="salfield"
            width="800" required></td>
    </tr>
    <tr>
        <td colspan="2" align="right" cellpadding="15">
            BREAKFAST</td>
        <td colspan="2"><select id="breakfast" name="breakfast">
            <option value="def">Choose your breakfast</option>
            <option value="1">Bread Butter</option>
            <option value="2">Dosa Vada</option>
            <option value="3">Fruits</option>
            <option value="4">Milk CornFlakes</option>
        </select></td>
    </tr>
    <tr>
        <td colspan="2" align="right" cellpadding="15">DOB</td>
        <td colspan="2"><input type="date" name="datetimefield"
            width="800" required></td>
    </tr>
    <tr>
        <td colspan="2" align="right" cellpadding="15">
            ADDRESS DETAILS</td>
        <td colspan="2"><textarea name="message" rows="5"
            cols="30"></textarea></td>
    </tr>
    <tr>
        <td colspan="3" align="center"><button type="reset"
            name="resetfield">RESET</button></td>
        <td colspan="2"><button type="submit" name="submitfield">
            SUBMIT</button></td>
    </tr>

```

```

        </tr>

        </table></form>

    </body>
</html>

```

OUTPUT:

The screenshot shows a web browser window with a teal background. The browser's address bar displays the file path: `file:///C:/Users/Ankita Tandony/Desktop/WFT/assignment/4.html`. The form is titled "REGISTER FORM" and contains the following elements:

- NAME**: A text input field.
- EMPLOYEE ID**: A text input field.
- AGE**: A text input field with a spinner icon on the right.
- PHONE NUMBER**: A text input field.
- EMAIL**: A text input field.
- GENDER**: A group of three radio buttons labeled "Female", "Male", and "Other".
- SALARY**: A text input field with a spinner icon on the right.
- BREAKFAST**: A dropdown menu with the text "Choose your breakfast" and a downward arrow.
- DOB**: A text input field with a placeholder "dd / mm / yyyy".
- ADDRESS DETAILS**: A large text area for address information.
- RESET**: A button located at the bottom left of the form.
- SUBMIT**: A button located at the bottom right of the form.