

LAB 1 SUBMISSION

name: Abhinav Singh Bhagtana

section: CSE-A

roll no: A-029

Q1. Write a simple poem and represent it as a web page. Give a title for the poem. Make rhyming words in the poem as bold.

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>
lab q1
</title>
</head>
<body>
<h1>LAB 1 Q1</h1>
<pre>
In lines of tags and braces <b>tight</b>,
We code till late, from morn to <b>night</b>.
HTML frames the page just <b>right</b>,
CSS paints it bold with style and <b>light</b>.
```

```
A script awakes with logic <b>clear</b>,
JavaScript brings the page to <b>cheer</b>.
One missing tag, the bug <b>appears</b>,
We debug with hope—and cups of <b>cheer</b>.
```

```
Links connect the world we <b>spin</b>,
From local host to domain <b>in</b>.
In the web lab, we learn and <b>strive</b>,
To make our digital dreams <b>alive</b>.
```

```
</pre>
<footer>this is footer</footer>
</body>
</html>
```

LAB 1 Q1

In lines of tags and braces **tight**,
We code till late, from morn to **night**.
HTML frames the page just **right**,
CSS paints it bold with style and **light**.

A script awakes with logic **clear**,
JavaScript brings the page to **cheer**.
One missing tag, the bug **appears**,
We debug with hope-and cups of **cheer**.

Links connect the world we **spin**,
From local host to domain **in**.
In the web lab, we learn and **strive**,
To make our digital dreams **alive**.

this is footer

Q2. Assume you have brought a new car. Write down the list of additional accessories you need for the car as an unordered list in HTML. Also, list the travel plans on the car as an ordered list.

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>lab1 q2</title>
</head>
<body>
<h1>LAB1 Q2</h1>
<h2>additional accessories</h2>
<ul>
<li>phone holder</li>
<li>air freshner</li>
<li>cushions</li>
</ul>
<h2>travel plans</h2>
<ol>
<li>Bangalore</li>
<li>Delhi</li>
<li>Kolkata</li>
</ol>
</body>
</html>
```

LAB1 Q2

additional accessories

- phone holder
- air freshner
- cushions

travel plans

1. Bangalore
2. Delhi
3. Kolkata

Q3. Complete the following website name “Share your winter vacation videos” the required video files are located inside the compressed folder “Week1 Assignment Files/ Media/”.

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Lab 1 q3</title>
<link rel="stylesheet" href="q3.css">
</head>
<body>
<h1>Share your Winter Vacation Videos</h1>
<div class="video-container">
<figure>
<video controls>
<source src="video1.mp4" type="video/mp4">
Your browser does not support the video tag.
</video>
<figcaption>Figure 1: video 1</figcaption>
</figure>

<figure>
<video controls>
<source src="video2.mp4" type="video/mp4">
Your browser does not support the video tag.
</video>
<figcaption>Figure 2: video 2</figcaption>
</figure>
</div>

</body>
</html>
```

CSS:

```
.video-container {  
display: flex;  
gap: 20px;  
justify-content: center;  
flex-direction: row;  
}
```

```
figure {  
width: 300px;  
text-align: center;  
}
```

```
video {  
width: 320px;  
height: height;  
}
```

Share your Winter Vacation Videos



Figure 1: video 1

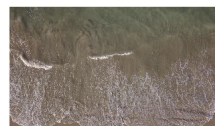


Figure 2: video 2

Additional Question

Q1.

Country	Population (In Crores)	
INDIA	1998	85
	1999	90
	2000	100
USA	1998	30
	1999	35
	2000	40
UK	1998	25
	1999	30
	2000	35

create the following table in html

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<title>Population Table</title>
<style>
body {
font-family: Arial, sans-serif;
background-color: #f5f5f5;
padding: 30px;
}
table {
border-collapse: collapse;
margin: auto;
width: 600px;
text-align: center;
font-size: 18px;
}
th, td {
border: 2px solid #000;
padding: 10px;
text-align: center;
}
th {
background-color: red;
color: black;
font-weight: bold;
text-align: center;
}
.country background-color: #ffe6a1;
font-weight: bold;
width: 150px;
}
.year {
background-color: #a9c2e6;
width: 200px;
}
.population {
background-color: #b7d7a8;
width: 200px;
font-weight: bold;
}
</style>
</head>
<body>
<table>
<tr>
<th>Country</th>
<th colspan="2">Population (in Crores)</th>
```

```

</tr>
<!-- INDIA -->
<tr>
<td class="country" rowspan="3">INDIA</td>
<td class="year">1998</td>
<td class="population">85</td>
</tr>
<tr>
<td class="year">1999</td>
<td class="population">90</td>
</tr>
<tr>
<td class="year">2000</td>
<td class="population">100</td>
</tr>
<!-- USA -->
<tr>
<td class="country" rowspan="3">USA</td>
<td class="year">1998</td>
<td class="population">30</td>
</tr>
<tr>
<td class="year">1999</td>
<td class="population">35</td>
</tr>
<tr>
<td class="year">2000</td>
<td class="population">40</td>
</tr>
<!-- UK -->
<tr>
<td class="country" rowspan="3">UK</td>
<td class="year">1998</td>
<td class="population">25</td>
</tr>
<tr>
<td class="year">1999</td>
<td class="population">30</td>
</tr>
<tr>
<td class="year">2000</td>
<td class="population">35</td>
</tr>
</table>
</body>
</html>

```

Q2.

```

<!DOCTYPE html>
<html lang="en">
<head>

```

```

<meta charset="UTF-8">
<title>Population Table (JavaScript)</title>
<style>
body {
font-family: Arial, sans-serif;
background-color: #f4f4f4;
padding: 30px;
}
table {
border-collapse: collapse;
margin: auto;
width: 600px;
text-align: center;
font-size: 18px;
}
th, td {
border: 2px solid black;
padding: 10px;
}
th {
background-color: red;
font-weight: bold;
}
.country {
background-color: #ffe6a1;
font-weight: bold;
}
.year background-color: #a9c2e6;
}
.population {
background-color: #b7d7a8;
font-weight: bold;
}
</style>
</head>
<body>
<table id="populationTable">
<thead>
<tr>
<th>Country</th>
<th colspan="2">Population (in Crores)</th>
</tr>
</thead>
<tbody>
<!-- Rows will be inserted here by JavaScript -->
</tbody>
</table>
<script>
const populationData = [
{ country: "INDIA", year: 1998, population: 85 },

```

```
{ country: "INDIA", year: 1999, population: 90 },
{ country: "INDIA", year: 2000, population: 100 },
{ country: "USA", year: 1998, population: 30 },
{ country: "USA", year: 1999, population: 35 },
{ country: "USA", year: 2000, population: 40 },
{ country: "UK", year: 1998, population: 25 },
{ country: "UK", year: 1999, population: 30 },
{ country: "UK", year: 2000, population: 35 }
];
const tableBody = document.querySelector("#populationTable
tbody")let previousCountry = "";
populationData.forEach((item, index) => {
const row = document.createElement("tr");
if (item.country !== previousCountry) {
const countryCell = document.createElement("td");
countryCell.textContent = item.country;
countryCell.className = "country";
countryCell.rowSpan = 3;
row.appendChild(countryCell);
previousCountry = item.country;
}
const yearCell = document.createElement("td");
yearCell.textContent = item.year;
yearCell.className = "year";
const popCell = document.createElement("td");
popCell.textContent = item.population;
popCell.className = "population";
row.appendChild(yearCell);
row.appendChild(popCell);
tableBody.appendChild(row);
});
</script>
</body>
</html>
```