

WP LAB - WEEK 1

Question 1

```
<? q1.html > ...
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Echoes of the Dawn</title>
7      <style>
8          body {
9              font-family: Arial, sans-serif;
10             margin: 20px;
11         }
12     </style>
13 </head>
14 <body>
15     <h1>Echoes of the Dawn</h1>
16     <div>
17         <p>As the sun begins to <strong>rise</strong>,</p>
18         <p>Colors paint the <strong>skies</strong>.</p>
19         <p>Birds sing their sweet <strong>song</strong>,</p>
20         <p>All the day <strong>long</strong>.</p>
21         <p>Dewdrops on the <strong>grass</strong>,</p>
22         <p>Shimmer as they <strong>pass</strong>.</p>
23         <p>Morning light so <strong>clear</strong>,</p>
24         <p>Brings a new day <strong>near</strong>.</p>
25     </div>
26 </body>
27 </html>
```

Echoes of the Dawn x

← → ↻ http://127.0.0.1:3000/q1.html

Echoes of the Dawn

As the sun begins to **rise**,

Colors paint the **skies**.

Birds sing their sweet **song**,

All the day **long**.

Dewdrops on the **grass**,

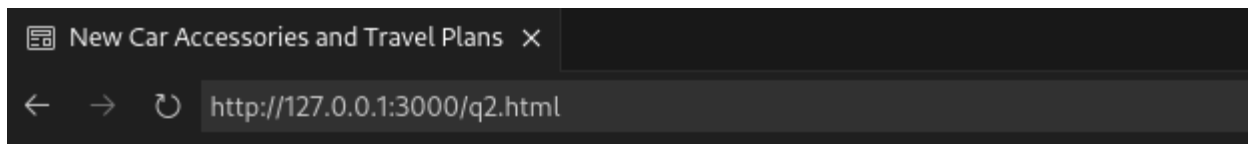
Shimmer as they **pass**.

Morning light so **clear**,

Brings a new day **near**.

Question 2

```
<> q2.html > ...
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>New Car Accessories and Travel Plans</title>
7      <style>
8          body {
9              font-family: Arial, sans-serif;
10             margin: 20px;
11         }
12     </style>
13 </head>
14 <body>
15     <h1>New Car Accessories and Travel Plans</h1>
16     <h2>Additional Accessories</h2>
17     <ul>
18         <li>Seat Covers</li>
19         <li>Floor Mats</li>
20         <li>GPS Navigation System</li>
21         <li>Dash Cam</li>
22         <li>Car Vacuum Cleaner</li>
23         <li>Sun Shades</li>
24         <li>Phone Mount</li>
25     </ul>
26     <h2>Travel Plans</h2>
27     <ol>
28         <li>Weekend trip to the mountains</li>
29         <li>Road trip along the coast</li>
30         <li>Visit to the national park</li>
31         <li>Drive to the countryside</li>
32         <li>City tour</li>
33     </ol>
34 </body>
35 </html>
```



New Car Accessories and Travel Plans

Additional Accessories

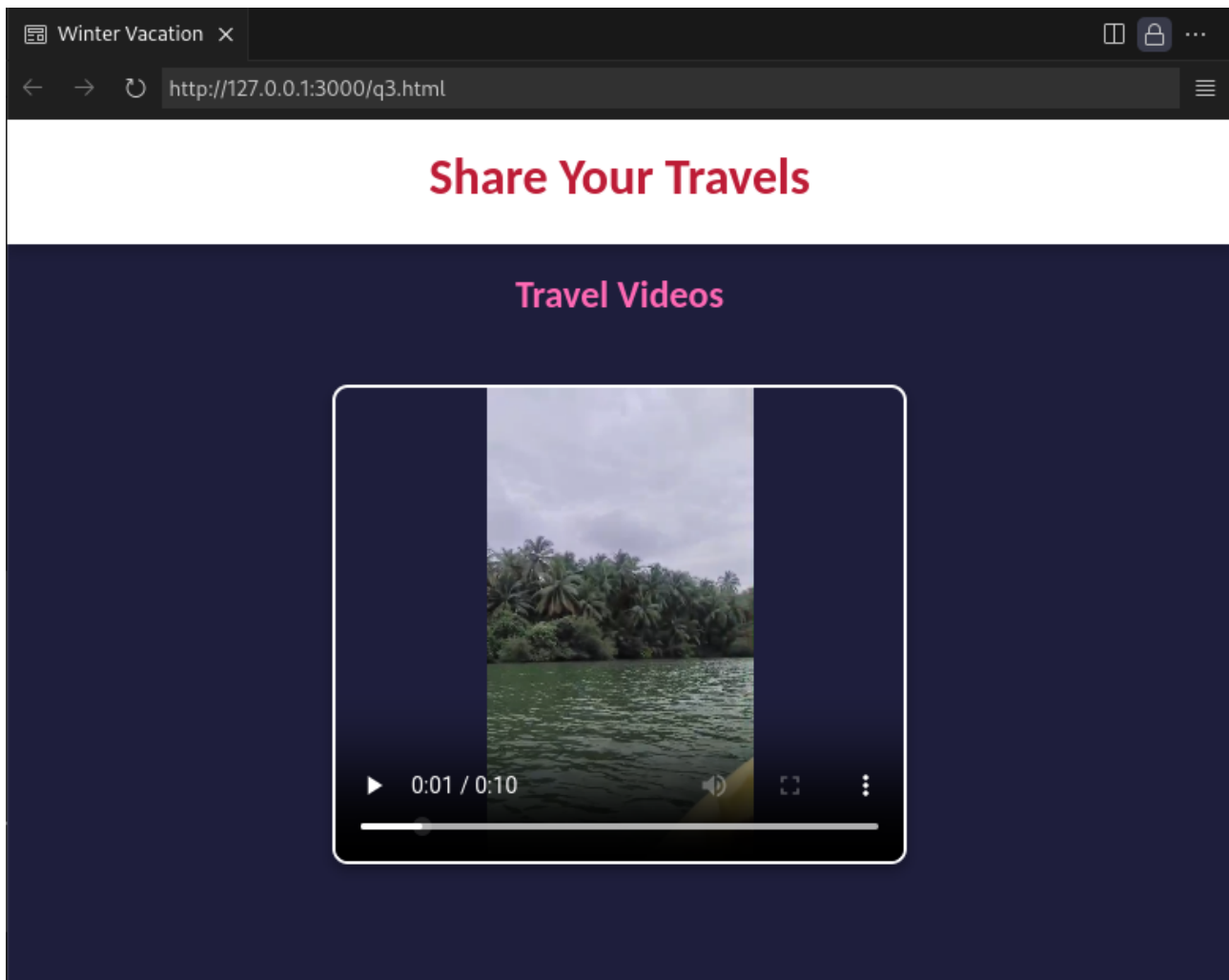
- Seat Covers
- Floor Mats
- GPS Navigation System
- Dash Cam
- Car Vacuum Cleaner
- Sun Shades
- Phone Mount

Travel Plans

1. Weekend trip to the mountains
2. Road trip along the coast
3. Visit to the national park
4. Drive to the countryside
5. City tour

Question 3

```
<> q3.html > ...
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4    <meta charset="UTF-8">
5    <meta name="viewport" content="width=device-width, initial-scale=1.0">
6    <title>Winter Vacation</title>
7  </head>
8  <body style="background-color: rgb(55, 52, 230);">
9    <header style="background-color: white;">
10     <h1 style="font-family: 'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-serif; color: rgb(189, 28, 54);">
11       Share your travels
12     </h1>
13   </header>
14   <h2 style="color: deeppink; position: relative; left: 60px;">Travel videos</h2>
15   <div style="display: flex; justify-content: center; align-items: center; gap: 20px;">
16     <video width="360" height="300" autoplay controls>
17       <source src="kayaking.mp4" type="video/mp4">
18       Your browser does not support the video tag.
19     </video>
20     <video width="360" height="300" autoplay controls>
21       <source src="snowboarding.mp4" type="video/mp4">
22       Your browser does not support the video tag.
23     </video>
24   </div>
25 </body>
26 </html>
```



Question 4

```

<> q4.html > ...
1  |<!DOCTYPE html>
2  |<html lang="en">
3  |<head>
4  |   <meta charset="UTF-8">
5  |   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6  |   <title>Population</title>
7  |   <style>
8  |       body {
9  |           font-family: Arial, sans-serif;
10 |           margin: 20px;
11 |       }
12 |       table {
13 |           width: 60%;
14 |           border-collapse: collapse;
15 |       }
16 |       th, td {
17 |           border: 1px solid black;
18 |           padding: 4px;
19 |           text-align: center;
20 |       }
21 |
22 |       td:nth-child(1) {
23 |           background-color: powderblue;
24 |       }
25 |       td:nth-child(2) {
26 |           background-color: lightgreen;
27 |       }
28 |       .country {
29 |           background-color: yellow;
30 |       }
31 |   </style>
32 |</head>

```

```

33 <body>
34   <h1>Country Wise Population</h1>
35   <table>
36     <tr style="background-color: red;">
37       <th>Country</th>
38       <th colspan="2">Population(in Crores)</th>
39     </tr>
40     <tr>
41       <th class="country" rowspan="4">INDIA</th>
42       <tr><td>1998</td><td>85</td></tr>
43       <tr><td>1999</td><td>90</td></tr>
44       <tr><td>2000</td><td>100</td></tr>
45     </tr>
46     <tr>
47       <th class="country" rowspan="4">USA</th>
48       <tr><td>1998</td><td>30</td></tr>
49       <tr><td>1999</td><td>35</td></tr>
50       <tr><td>2000</td><td>40</td></tr>
51     </tr>
52     <tr>
53       <th class="country" rowspan="4">UK</th>
54       <tr><td>1998</td><td>25</td></tr>
55       <tr><td>1999</td><td>30</td></tr>
56       <tr><td>2000</td><td>35</td></tr>
57     </tr>
58   </table>
59 </body>
60 </html>

```

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Country Wise Population		
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

Question 5

```
<> q5.html > ...
1 |
2 | <!DOCTYPE html>
3 | <html lang="en">
4 | <head>
5 |   <meta charset="UTF-8">
6 |   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7 |   <title>Population</title>
8 |   <style>
9 |     body {
10 |       font-family: Arial, sans-serif;
11 |       margin: 20px;
12 |     }
13 |     table {
14 |       width: 60%;
15 |       border-collapse: collapse;
16 |     }
17 |     th, td {
18 |       border: 1px solid black;
19 |       padding: 4px;
20 |       text-align: center;
21 |     }
22 |
23 |     td:nth-child(1) {
24 |       background-color: powderblue;
25 |     }
26 |     td:nth-child(2) {
27 |       background-color: lightgreen;
28 |     }
29 |     .country {
30 |       background-color: yellow;
31 |     }
32 |     .header {
33 |       background-color: red;
34 |     }
35 |   </style>
36 | </head>
37 | <body>
38 |   <h1>Country Wise Population</h1>
39 |   <table id="populationTable">
40 |     <tr class="header">
41 |       <th>Country</th>
42 |       <th colspan="2">Population (in Crores)</th>
43 |     </tr>
44 |     <!-- Table rows will be generated by JavaScript -->
45 |   </table>
46 |
47 |   <script>
48 |     // Data for countries and their population over the years
49 |     const populationData = [
50 |       {
51 |         country: "INDIA",
52 |         data: [
53 |           { year: 1998, population: 85 },
54 |           { year: 1999, population: 90 },
55 |           { year: 2000, population: 100 }
56 |         ]
57 |       },

```

```

58     {
59         country: "USA",
60         data: [
61             { year: 1998, population: 30 },
62             { year: 1999, population: 35 },
63             { year: 2000, population: 40 }
64         ]
65     },
66     {
67         country: "UK",
68         data: [
69             { year: 1998, population: 25 },
70             { year: 1999, population: 30 },
71             { year: 2000, population: 35 }
72         ]
73     }
74 ];
75
76 // Function to dynamically generate the table
77 function generateTable() {
78     const table = document.getElementById('populationTable');
79
80     populationData.forEach(countryData => {
81         // Add the country name row
82         let row = document.createElement('tr');
83         let countryCell = document.createElement('th');
84         countryCell.classList.add('country');
85         countryCell.setAttribute('rowspan', countryData.data.length+1);
86         countryCell.textContent = countryData.country;
87         row.appendChild(countryCell);
88         table.appendChild(row);
89
90         // Add the population data rows
91         countryData.data.forEach((yearData, index) => {
92             row = document.createElement('tr');
93
94             // Create the year and population cells
95             let yearCell = document.createElement('td');
96             let populationCell = document.createElement('td');
97             yearCell.textContent = yearData.year;
98             populationCell.textContent = yearData.population;
99
100             // Append cells to the row
101             row.appendChild(yearCell);
102             row.appendChild(populationCell);
103
104             // Append the row to the table
105             table.appendChild(row);
106         });
107     });
108 }
109
110 // Generate the table on page load
111 window.onload = generateTable;
112 </script>
113 </body>
114 </html>

```

Population x

http://127.0.0.1:3000/q4.html

Country Wise Population

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