1.Library Management system:

Anns- Html-

```
<!DOCTYPE html>

<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
    <link rel="stylesheet" href="style.css">

</head>
<body>
    <nav>
        <pre><h3><i class="fa-solid fa-user-tie"></i>  <span class="a"></span> Library Management
System </h3></pre>
        <ul>
            <li> <i class="fa-regular fa-address-card"></i> Home </li>
            <li> <i class="fa-solid fa-book"></i> Books </li>
            <li> <i class="fa-solid fa-phone"></i> Contact </li>
            <input type="search" placeholder="search books"><button class="btn-1">Search</button>
        </ul>
    </nav>
    <section class="firstsection">
        <div class="leftsection">
            <h3> <span class="namecolour"><b>Alpha Publication</b></span></h3><b></b>
            <h5> <b>Kolkata</b></h5>
            <br>
            <h6 class="Photographer">All types of books are available here</h6>
        </div>
        <div class="rightsection">
            <img src="https://cdn.kobo.com/book-images/bc852c9f-2f5e-46fc-8bd5-
92adb413189b/1200/1200/False/bhagavad-gita-as-it-is-1.jpg" title="Search">
        </div>
    </section>
    <div>
        <h3 class="book"> Interested to read books ? </h3>
    </div>
    <br>
    <button class="button">Click here</button>




    <footer>

        <div class="footer ">
```

```
<div class="footer-first">

    <h3>

        <b>Alpha Publication</b>

    </h3>

</div>

<div class="footer-third">

    <ul>

        <li><a class="home"><i class="fa-solid fa-house"></i> Home </a> </li> <br>

        <li>
            <a class="about"><i class="fa-regular fa-address-card"></i> About </a>
        </li> <br>

        <li> <a class="email"><i class="fa-regular fa-envelope"></i> Email </a></li> <br>

        <li> <a class="contacts"><i class="fa-solid fa-address-book"></i> Reach Me</a>
        </li> <br>

    </ul>

</div>

<div class="footer-fourth">

    <ul>

        <li>
            <class="facebook"><i class="fab fa-facebook"></i> Facebook </a>
        </li> <br>

        <li>
            <class="instagram"><i class="fa-brands fa-instagram"></i> Instagram </a>
        </li> <br>

        <li>
            <class="linkedin"><i class="fa-brands fa-linkedin"></i> Linkedin </a>
        </li> <br>

        <li>
            <class="telegram"><i class="fa-brands fa-telegram"></i> Telegram
                </a>
```

```
                    </li> <br>

                </ul>

            </div>
        </div>

    </footer>

</body>

</html>
```

Css-

```
* {
    margin: 0;
    padding: 0;
}

body {
    background-image: url(https://www.kortext.com/wp-content/uploads/Book-blog-image.jpg);
    background-size: cover;
    color: white;
}

nav {
    display: flex;
    justify-content: space-around;
    align-items: center;
    height: 40px;
    background-color: rgba(0, 140, 255, 0.651);
    width: auto;
}

nav ul {
    display: flex;
    justify-content: center;
}

nav ul li {
    list-style: none;
    margin: 0 23px;
}

nav ul li a {
    text-decoration: none;
    color: white;
}
```

```css
.firstsection {
    display: flex;
    justify-content: space-around;
    margin: 23px 0;
    align-items: center;
}

.firstsection div {
    width: 30%;
}

.leftsection {
    font-size: 2.6rem;
    width: 34px;
    /* margin-left: 2%; */
}

.pv {
    font-size: xx-large;
    font-style: italic;
    color: rgb(0, 255, 55);

}

.Photographer {
    font-size: xx-large;
    font-style: italic;
    color: rgb(202, 8, 8);
    font-family: 'Courier New', Courier, monospace;
}


.coder {
    font-size: xx-large;
    font-style: italic;
    color: rgb(0, 174, 255);
    font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;
    font-weight: 800;
}

.rightsection img {
    width: 50%;
    margin: 50px 0;
    padding: 10px;
    border-radius: 20px;
    border: solid;
    border-color: blue;
    box-shadow: 5px 5px 20px 10px yellow;
    margin-left: 20%;
```

```
}

h5 {
    font-size: 25px;
    color: rgb(4, 0, 255);
    margin-left: 2%;
}

.book {
    color: rgb(253, 253, 253);
    font-size: x-large;
    font-style: italic;
    font-family: 'Courier New', Courier, monospace;
    text-align: center;
}

.button {
    margin-left: 45%;
    border: solid;
    border-color: aqua;
    color: red;
    padding: 10px 10px;
    font-family: cursive;
    font-size: large;
    cursor: pointer;
}

.btn-1 {
    /* margin-left: 45%; */
    border: solid;
    border-color: aqua;
    color: red;
    /* padding: 10px 10px; */
    font-family: cursive;
    /* font-size: large; */
    cursor: pointer;
}
footer {
    margin-top: 10%;
}

.footer {
    display: flex;
    padding: 2px 1px;
    justify-content: space-evenly;
    height: 40vh;
    background-color: rgba(0, 140, 255, 0.596);
}
```

```
ul li {
    list-style: none;
    margin: 0 23px;
    cursor: pointer;

}

footer ul li a {
    text-decoration: none;
    color: white;
}

.footer-first h3 {
    margin-left: 20%;
    font-size: xx-large;
}

.footer-third {
    margin-left: 15%;
    margin-top: 4%;
    font-size: large;
}

.footer-fourth {
    margin-right: 40%;
    margin-top: 4%;
    font-size: large;
}

marquee {
    width: 280%;
}

.backg z-iroundcolour {
    width: 105vw;
    height: 290vh;
    position: absolute;
    transition: 1s;
    margin-top: 19%;
}

.ForPhoto {
    margin-left: 16%;
    margin-top: 2%;
    width: 65vw;
}
```

2. Write a java script program to evaluate the following mathematical Expression 1+2/2!+3/3!+.....+n/n!.

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Mathematical Expression Evaluation</title>
</head>
<body>
<script>
   // Function to calculate factorial
   function factorial(num) {
      if (num === 0 || num === 1) {
         return 1;
      } else {
         return num * factorial(num - 1);
      }
   }
   // Function to evaluate the mathematical expression
   function evaluateExpression(n) {
      let sum = 0;
      for (let i = 1; i <= n; i++) {
         sum += i / factorial(i);
      }
      return sum;
   }
   // Example usage:
 const n = 5; // Change the value of n as needed
   const result = evaluateExpression(n);
   console.log(`The result of the expression for n=${n} is:`, result);
```

```
</script>
</body>
</html>
```

Output:

```
The result of the expression for n=5 is: 2.708333333333333
Live reload enabled.
```

3.Write a Java Script program to display Greatest Number among Three Numbers.

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Greatest Number among Three Numbers</title>
</head>
<body>
<script>
   // Function to find the greatest number among three numbers
   function findGreatestNumber(num1, num2, num3) {
      if (num1 >= num2 && num1 >= num3) {
         return num1;
      } else if (num2 >= num1 && num2 >= num3) {
         return num2;
      } else {
         return num3;
      }
   }
   // Example usage:
   const num1 = 10;
 const num2 = 25;
   const num3 = 15;
```

```
    const greatestNumber = findGreatestNumber(num1, num2, num3);
    console.log(`The greatest number among ${num1}, ${num2}, and ${num3} is:`, greatestNumber);
</script>
</body>
</html>
```

Output:

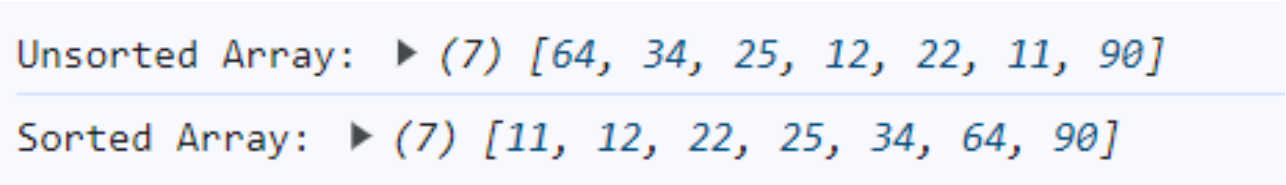
```
The greatest number among 10, 25, and 15 is: 25
```

4.Write a java script program to sort the array (Bubble Sort).

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Bubble Sort</title>
</head>
<body>
<script>
    // Function to perform Bubble Sort
    function bubbleSort(arr) {
        const n = arr.length;
        for (let i = 0; i < n - 1; i++) {
            for (let j = 0; j < n - i - 1; j++) {
                if (arr[j] > arr[j + 1]) {
                    // Swap arr[j] and arr[j + 1]
                    let temp = arr[j];
                    arr[j] = arr[j + 1];
                    arr[j + 1] = temp;
                }
            }
```

```
        }
        return arr;
    }
    // Example usage:
    const unsortedArray = [64, 34, 25, 12, 22, 11, 90];
    console.log("Unsorted Array:", unsortedArray);
    const sortedArray = bubbleSort(unsortedArray);
    console.log("Sorted Array:", sortedArray);
</script>
</body>
</html>
```

Output:



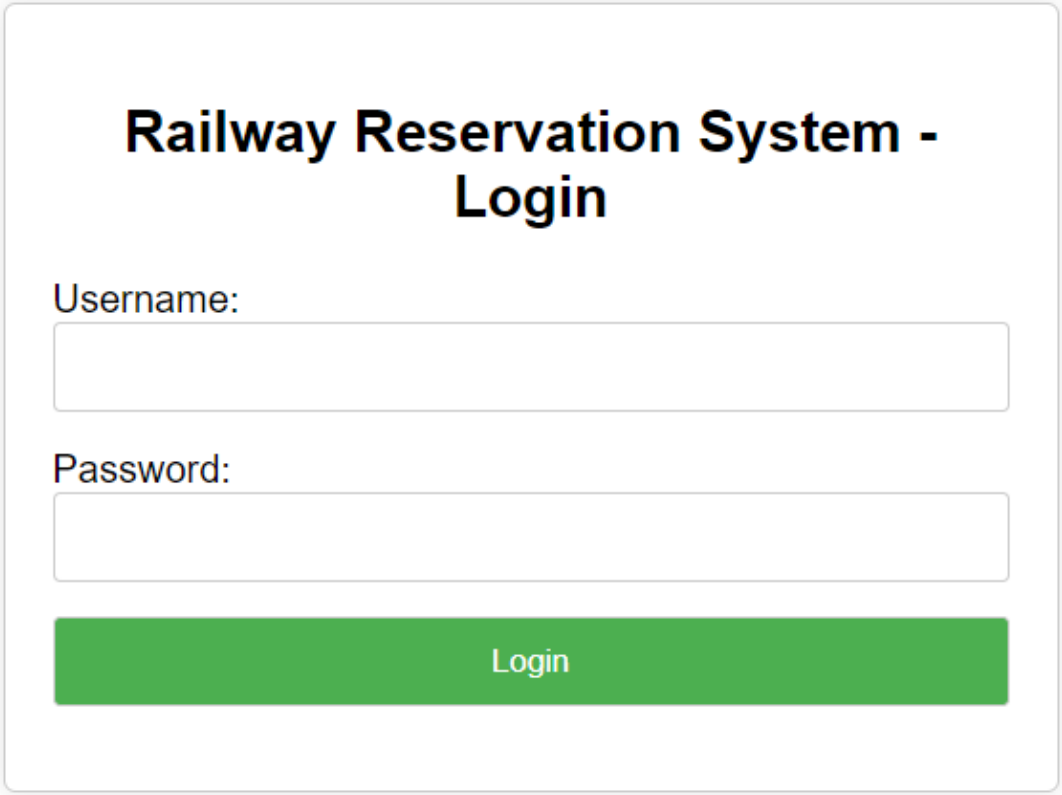
5.Create a login Page for the railway reservation system.

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Railway Reservation System - Login</title>
<style>
    body {
        font-family: Arial, sans-serif;
    }
    .container {
        max-width: 400px;
        margin: 100px auto;
        padding: 20px;
```

```
        border: 1px solid #ccc;
        border-radius: 5px;
        box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
    }
    h2 {
        text-align: center;
        margin-bottom: 20px;
    }
    input[type="text"],
    input[type="password"],
    input[type="submit"] {
        width: 100%;
        padding: 10px;
        margin-bottom: 15px;
        border: 1px solid #ccc;
        border-radius: 3px;
        box-sizing: border-box;
    }
    input[type="submit"] {
        background-color: #4CAF50;
        color: white;
        cursor: pointer;
    }
    input[type="submit"]:hover {
        background-color: #45a049;
    }
</style>
</head>
<body>
<div class="container">
    <h2>Railway Reservation System - Login</h2>
```

```
    <form action="login.php" method="POST">
        <label for="username">Username:</label>
        <input type="text" id="username" name="username" required>

        <label for="password">Password:</label>
        <input type="password" id="password" name="password" required>

        <input type="submit" value="Login">
    </form>
</div>
</body>
</html>
```

Output:



6.Write a Java Script program to calculate Area and circumference of a Circle.

```
<!DOCTYPE html>
```

```
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Circle Area and Circumference Calculator</title>
</head>
<body>
<script>
   // Function to calculate the area of a circle
   function calculateArea(radius) {
      return Math.PI * radius * radius;
   }
   // Function to calculate the circumference of a circle
   function calculateCircumference(radius) {
      return 2 * Math.PI * radius;
   }
 // Example usage:
   const radius = 5;
   const area = calculateArea(radius);
   const circumference = calculateCircumference(radius);
   console.log(`For a circle with radius ${radius}:`);
   console.log(`Area: ${area.toFixed(2)}`); // Displaying area rounded to 2 decimal places
   console.log(`Circumference: ${circumference.toFixed(2)}`); // Displaying circumference rounded to
2 decimal places
</script>
</body>
</html>
```

Output:

```
For a circle with radius 5:
Area: 78.54
Circumference: 31.42
```

7. Write a Java Script program to demonstrate a multiplication table.

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Multiplication Table</title>
<style>
   table {
      border-collapse: collapse;
      width: 100%;
   }
   th, td {
      border: 1px solid #ddd;
      padding: 8px;
      text-align: center;
   }
   th {
      background-color: #f2f2f2;
   }
</style>
</head>
<body>
<script>
   // Function to generate multiplication table
   function generateMultiplicationTable(rows, cols) {
      let table = '<table>';
      // Create table header
      table += '<tr><th>&times;</th>';
      for (let j = 1; j <= cols; j++) {
       table += `<th>${j}</th>`;
```

```
        }
        table += '</tr>';
        // Create table rows
        for (let i = 1; i <= rows; i++) {
            table += `<tr><td>${i}</td>`;
            for (let j = 1; j <= cols; j++) {
                table += `<td>${i * j}</td>`;
            }
            table += '</tr>';
        }
        table += '</table>';
        return table;
    }
    // Example usage:
    const rows = 10;
    const cols = 10;
    const multiplicationTable = generateMultiplicationTable(rows, cols);
    document.body.innerHTML = multiplicationTable;
</script>
</body>
</html>
```

Output:

×	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

8. Create a Web page with an image, when the mouse is doubled clicked the new image should replace the existing.

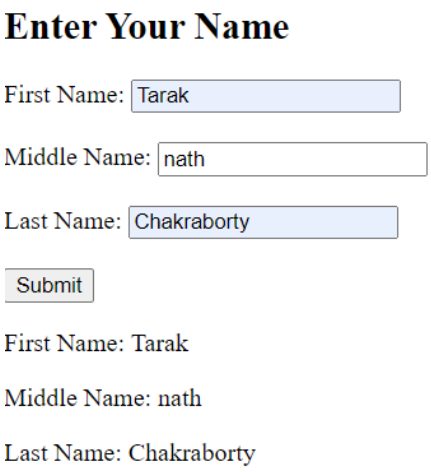
```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Image Replacement on Double Click</title>
<style>
    body {
        text-align: center;
    }
    img {
        max-width: 100%;
        height: auto;
        cursor: pointer;
    }
</style>
</head>
<body>
<!-- Original Image -->
<img id="originalImage" src="waterbottle.jpg" alt="Original Image">

<script>
    var images = ['waterbottle.jpg', 'bat.webp']; // List of image URLs
    var currentIndex = 0;

    // Function to replace image on double click
    document.getElementById('originalImage').addEventListener('dblclick',
function() {
        // Increment index to display the next image
        currentIndex = (currentIndex + 1) % images.length;
        this.src = images[currentIndex];
    });
</script>
</body>
</html>
```

9. Create a java script program to accept the first, middle, last names of user and print them.

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>User Name Input</title>
</head>
<body>
```

```
<h2>Enter Your Name</h2>
<form id="nameForm">
    <label for="firstName">First Name:</label>
    <input type="text" id="firstName" name="firstName"><br><br>

    <label for="middleName">Middle Name:</label>
    <input type="text" id="middleName" name="middleName"><br><br>

    <label for="lastName">Last Name:</label>
    <input type="text" id="lastName" name="lastName"><br><br>

    <input type="button" value="Submit" onclick="printNames()">
</form>

<div id="output"></div>

<script>
    function printNames() {
        // Get the values of first, middle, and last names from the form
        var firstName = document.getElementById('firstName').value;
        var middleName = document.getElementById('middleName').value;
        var lastName = document.getElementById('lastName').value;

        // Display the names on the web page
  document.getElementById('output').innerHTML =

"<p>First Name: " + firstName + "</p>" + "<p>Middle Name: "+middleName+"</p>"
+"<p>Last Name: " + lastName + "</p>";


</script>
</body>
</html>
```

Output:



Write a HTML program to marquee the image and text.

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Image and Text Marquee</title>
</head>
<body>

<marquee behavior="scroll" direction="left" scrollamount="3">
    <img src="image.jpg" alt="Marquee Image" style="height: 100px;">
<!-- Replace "image.jpg" with your image URL -->
    <span>This is a sample text for the marquee effect. </span>
</marquee>

</body>
</html>
```

Write a Java Script program to demonstrate Arithmetic Operations using Switch case.Sum of n numbers in HTML.

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Arithmetic Operations and Sum of n Numbers</title>
</head>
<body>

<h2>Arithmetic Operations</h2>

<p>Enter two numbers and select the operation:</p>

<input type="number" id="num1" placeholder="Enter first number">
<input type="number" id="num2" placeholder="Enter second number">

<select id="operation">
    <option value="add">Addition (+)</option>
    <option value="subtract">Subtraction (-)</option>
    <option value="multiply">Multiplication (*)</option>
    <option value="divide">Division (/)</option>
</select>

<button onclick="performOperation()">Calculate</button>

<p id="result"></p>
```

```
<h2>Sum of n Numbers</h2>

<p>Enter the value of 'n' and click on 'Calculate Sum':</p>

<input type="number" id="n" placeholder="Enter value of n">
<button onclick="calculateSum()">Calculate Sum</button>

<p id="sum"></p>

<script>
    // Function to perform arithmetic operations
    function performOperation() {
        var num1 = parseFloat(document.getElementById('num1').value);
        var num2 = parseFloat(document.getElementById('num2').value);
        var operation = document.getElementById('operation').value;
        var result;

        switch(operation) {
            case 'add':
                result = num1 + num2;
                break;
            case 'subtract':
                result = num1 - num2;
                break;
            case 'multiply':
                result = num1 * num2;
                break;
            case 'divide':
                if(num2 === 0) {
                    result = "Cannot divide by zero!";
                } else {
                    result = num1 / num2;
                }
                break;
            default:
                result = "Invalid operation";
        }

        document.getElementById('result').textContent = "Result: " + result;
    }

    // Function to calculate sum of n numbers
    function calculateSum() {
        var n = parseInt(document.getElementById('n').value);
        var sum = 0;
        for(var i = 1; i <= n; i++) {
            sum += i;
        }
```

```
        document.getElementById('sum').textContent = "Sum of first " + n + "
numbers is: " + sum;
    }
</script>
</body>
</html>
```

Output:

Arithmetic Operations

Enter two numbers and select the operation:

5 | 5 | Subtraction (-) | Calculate

Result: 0

Sum of n Numbers

Enter the value of 'n' and click on 'Calculate Sum':

10 | Calculate Sum

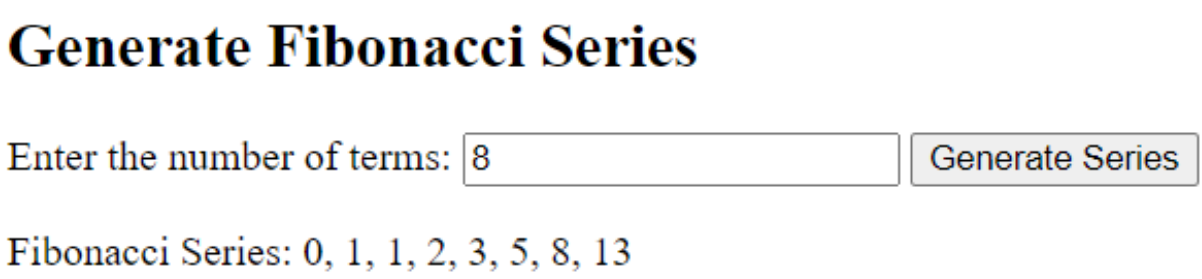
Sum of first 10 numbers is: 55

Write a JavaScript program to find out the Fibonacci Series.

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Fibonacci Series</title>
</head>
<body>

<h2>Generate Fibonacci Series</h2>

<label for="numTerms">Enter the number of terms:</label>
<input type="number" id="numTerms" min="1">
<button onclick="generateFibonacciSeries()">Generate Series</button>

<p id="result"></p>

<script>
```

```
// Function to generate Fibonacci series
    function generateFibonacciSeries() {
        var numTerms = parseInt(document.getElementById('numTerms').value);
        var fibonacciSeries = [];

        // First two terms of Fibonacci series
        var term1 = 0, term2 = 1;

        // Push the first two terms into the series
        fibonacciSeries.push(term1);
        fibonacciSeries.push(term2);

        // Generate subsequent terms
        for (var i = 2; i < numTerms; i++) {
            var nextTerm = term1 + term2;
            fibonacciSeries.push(nextTerm);
            term1 = term2;
            term2 = nextTerm;
        }

        // Display the Fibonacci series
        document.getElementById('result').textContent = "Fibonacci Series: " +
fibonacciSeries.join(', ');
    }
</script>
</body>
</html>
```

Output:



Write a HTML program to create Four Vertical Frames.

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

```
<title>Four Vertical Frames</title>
<style>
  /* Style for the frames */
  .frame {
    width: 24%; /* Adjust the width as needed */
    height: 100vh; /* Full height of the viewport */
    border: 1px solid #000; /* Border for each frame */
    float: left; /* Align frames horizontally */
    box-sizing: border-box; /* Include border and padding in the element's total width and height */
  }
</style>
</head>
<body>
  <div class="frame">
    <!-- Content for the first frame -->
    <h2>Frame 1</h2>
    <p>This is the content of frame 1.</p>
  </div>
  <div class="frame">
    <!-- Content for the second frame -->
    <h2>Frame 2</h2>
    <p>This is the content of frame 2.</p>
  </div>
  <div class="frame">
    <!-- Content for the third frame -->
    <h2>Frame 3</h2>
    <p>This is the content of frame 3.</p>
  </div>
  <div class="frame">
    <!-- Content for the fourth frame -->
    <h2>Frame 4</h2>
```

```
    <p>This is the content of frame 4.</p>
  </div>
</body>
</html>
```

Write a java script program to implement Stack methods in an Array.

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Stack Implementation using JavaScript</title>
</head>
<body>
<script>
  class Stack {
    constructor() {
      this.items = []; // Array to store stack elements
    }

    // Function to add an element to the stack
    push(element) {
      this.items.push(element);
    }

    // Function to remove the top element from the stack
    pop() {
      if (this.items.length === 0) {
        return "Underflow"; // If stack is empty
      }
      return this.items.pop();
```

```
    }

    // Function to view the top element in the stack
    peek() {
      #top a j element ta ache
       return this.items[this.items.length - 1];
    }

    // Function to check if the stack is empty
    isEmpty() {
       return this.items.length === 0;
    }

    // Function to get the size of the stack
    size() {
       return this.items.length;
    }
}

// Example usage:
const stack = new Stack();

// Pushing elements onto the stack
stack.push(10);
stack.push(20);
stack.push(30);

// Printing the top element
console.log("Top element is:", stack.peek());

// Removing elements from the stack
```

```
    console.log(stack.pop(), "popped from stack");
    console.log(stack.pop(), "popped from stack");

    // Checking if stack is empty
    console.log("Is stack empty?", stack.isEmpty());

    // Getting the size of the stack
    console.log("Size of stack:", stack.size());
</script>
</body>
</html>
```

Output:

```
Top element is: 30
30 'popped from stack'
20 'popped from stack'
Is stack empty? false
Size of stack: 1
```

Write a program to create a Pull down menu on various Web Designing Software.

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Dropdown Menu</title>
<style>
    /* Style for the dropdown menu */
```

```
 .dropdown {
      position: relative;
      display: inline-block;
   }
   .dropdown-content {
      display: none;
      position: absolute;
      background-color: #f9f9f9;
      min-width: 160px;
      box-shadow: 0 8px 16px 0 rgba(0,0,0,0.2);
      z-index: 1;
   }
   .dropdown-content a {
      color: black;
      padding: 12px 16px;
      text-decoration: none;
      display: block;
   }
   .dropdown-content a:hover {
      background-color: #f1f1f1;
   }
   .dropdown:hover .dropdown-content {
      display: block;
   }
   .dropdown:hover .dropbtn {
      background-color: #3e8e41;
   }
</style>
</head>
<body>
<div class="dropdown">
```

```
    <button class="dropbtn">Web Designing Software</button>
    <div class="dropdown-content">
      <a href="#">Adobe Dreamweaver</a>
      <a href="#">Sketch</a>
      <a href="#">Figma</a>
      <a href="#">Adobe XD</a>
      <a href="#">InVision Studio</a>
      <!-- Add more software options as needed -->
    </div>
</div>
</body>
</html>
```

Write a java Script program to print all prime numbers.

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Prime Numbers</title>
</head>
<body>
<script>
function printPrimes(limit) {
    // Function to check if a number is prime
    function isPrime(num) {
        if (num <= 1) return false;
        if (num === 2) return true;
        if (num % 2 === 0) return false;
        for (let i = 3; i <= Math.sqrt(num); i += 2) {
            if (num % i === 0) return false;
   }
```

```
        return true;
    }
    // Print prime numbers up to the specified limit
    for (let i = 2; i <= limit; i++) {
        if (isPrime(i)) {
            console.log(i);
            document.write(i + "<br>"); // Write prime numbers to the document
        }
    }
}
// Example usage: Print prime numbers up to 100
printPrimes(100);
</script>
</body>
</html>
```

Output:

```
2
3
5
7
11
13
17
19
23
29
31
37
41
43
47
53
59
61
67
71
73
79
83
89
97
```