1.Create a profile webpage to implement Elements, Attributes, Head, Body, Hyperlink, Formatting, fonts, Anchors, Tables & 2. Create a webpage for college website using Formatting and Fonts, Anchors, Backgrounds, images, Hyperlinks, Lists, Tables

```
<!DOCTYPE html>
<html>
<head>
   <title>My Profile</title>
   <style>
      body {
         background-color: #f0f0f0;
         font-family: Arial, sans-serif;
         margin: 0;
         padding: 0;
      }

      header {
         background-color: #333;
         color: #fff;
         padding: 20px;
         text-align: center;
      }

      h1 {
         font-size: 36px;
      }

      nav {
         text-align: center;
         padding: 10px;
      }

      nav a {
         text-decoration: none;
         margin: 10px;
         color: #333;
      }

      section {
         padding: 20px;
      }

      table {
            width: 100%;
            border-collapse: collapse;
            margin-top: 20px;
        }

        th, td {
            padding: 10px;
            border: 1px solid #333;
        }

        img {
            max-width: 100%;
            height: auto;
        }

        ul {
            list-style-type: disc;
            padding-left: 20px;
        }
    </style>
</head>
<body>
    <header>
        <h1>John Doe</h1>
    </header>

    <nav>
        <a href="#about">About Me</a>
        <a href="#portfolio">Portfolio</a>
        <a href="#contact">Contact</a>
    </nav>

    <section id="about">
        <h2>About Me</h2>
        <p>
            I am a web developer with a passion for creating beautiful and functional websites.
            My skills include HTML, CSS, JavaScript, and more.
        </p>
    </section>

    <section id="portfolio">
        <h2>Portfolio</h2>
        <img src="portfolio-image1.jpg" alt="Project 1">
        <img src="portfolio-image2.jpg" alt="Project 2">
    <img src="portfolio-image3.jpg" alt="Project 3">
  </section>

  <section id="contact">
    <h2>Contact</h2>
    <p>
      You can reach me at <a href="mailto:john@example.com">john@example.com</a>.
    </p>
  </section>

  <section>
    <h2>Skills</h2>
    <ul>
      <li>HTML</li>
      <li>CSS</li>
      <li>JavaScript</li>
      <li>Web Design</li>
    </ul>
  </section>

  <section>
    <h2>Education</h2>
    <table>
      <tr>
        <th>Degree</th>
        <th>Institution</th>
        <th>Year</th>
      </tr>
      <tr>
        <td>Bachelor's in Computer Science</td>
        <td>University XYZ</td>
        <td>2020</td>
      </tr>
      <tr>
        <td>Master's in Web Development</td>
        <td>Tech Institute</td>
        <td>2022</td>
      </tr>
    </table>
  </section>
</body>
</html>
```

3.Create a webpage to implement class timetable using Images, Tables tags and for formatting use external CSS. & 4.Create a webpage to implement class timetable Images, Tables, List, Frames, Forms, Multimedia

```
<!DOCTYPE html>
<html>
<head>
  <title>Class Timetable</title>
  <link rel="stylesheet" type="text/css" href="styles.css">
</head>
<body>
  <h1>Class Timetable</h1>

  <table class="timetable">
    <tr>
      <th>Time</th>
      <th>Monday</th>
      <th>Tuesday</th>
      <th>Wednesday</th>
      <th>Thursday</th>
      <th>Friday</th>
    </tr>
    <tr>
      <td>9:00 AM - 10:30 AM</td>
      <td>Math</td>
      <td>Science</td>
      <td>History</td>
      <td>English</td>
      <td>Physical Education</td>
    </tr>
    <tr>
      <td>10:45 AM - 12:15 PM</td>
      <td>English</td>
      <td>Math</td>
      <td>Science</td>
      <td>Physical Education</td>
      <td>Art</td>
    </tr>
    <tr>
      <td>12:30 PM - 1:30 PM</td>
      <td>Lunch</td>
      <td>Lunch</td>
      <td>Lunch</td>
      <td>Lunch</td>
```

```
            <td>Lunch</td>
        </tr>
    </table>

    <h2>Classroom</h2>
    <p>Our classes are held in a modern and well-equipped classroom.</p>
    <img src="classroom.jpg" alt="Classroom Image">

    <h2>Homework Assignment</h2>
    <ul>
        <li>Math: Complete exercises 1-5, page 23</li>
        <li>Science: Read Chapter 4 and answer the questions at the end</li>
        <li>English: Write a short essay on your favorite book</li>
    </ul>

    <h2>Classroom Location</h2>
    <iframe
src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d2244.673388594587!2
d-0.14100588391225196!3d51.513715846860126!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f1
3.1!3m3!1m2!1s0x4876049d787b03df%3A0xf0bd5ce7e732b0d1!2sWestminster%20Abbey
!5e0!3m2!1sen!2suk!4v1575451610531!5m2!1sen!2suk" width="600" height="450"
frameborder="0" style="border:0;" allowfullscreen=""></iframe>

    <h2>Contact Us</h2>
    <form action="contact.php" method="post">
        <label for="name">Name:</label>
        <input type="text" id="name" name="name"><br>

        <label for="email">Email:</label>
        <input type="email" id="email" name="email"><br>

        <label for="message">Message:</label><br>
        <textarea id="message" name="message" rows="4" cols="50"></textarea><br>

        <input type="submit" value="Submit">
    </form>

    <h2>Multimedia Presentation</h2>
    <audio controls>
        <source src="class_audio.mp3" type="audio/mpeg">
        Your browser does not support the audio element.
    </audio>
    <video controls>
        <source src="class_video.mp4" type="video/mp4">
        Your browser does not support the video element.
    </video>
</body>
</html>
```

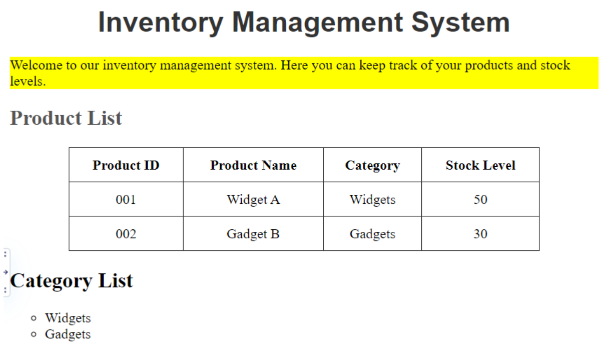
Css :

```
 body {
    font-family: Arial, sans-serif;
    background-color: #f0f0f0;
    margin: 0;
    padding: 0;
}

h1, h2 {
    color: #333;
}

table.timetable {
    border-collapse: collapse;
    width: 80%;
    margin: 20px auto;
}

table.timetable th, table.timetable td {
    border: 1px solid #333;
    padding: 10px;
    text-align: center;
}

img {
    max-width: 100%;
    height: auto;
}

ul {
    padding-left: 20px;
}
```

5. Create a webpage for Inventory Management system to implement CSS Syntax and different properties (Inclusion, Color, Background, Fonts, Tables, lists, etc.), all 3 types of CSS.

```
<!DOCTYPE html>
<html>
<head>
    <title>Inventory Management System</title>

    <!-- External CSS -->
    <link rel="stylesheet" type="text/css" href="styles.css">

    <!-- Internal CSS -->
    <style>
        /* Internal CSS */
        h1 {
            color: #333;
            text-align: center;
        }

        /* Inline CSS */
        .highlight {
            background-color: yellow;
        }
    </style>
</head>
<body>
    <h1 style="font-family: Arial, sans-serif;">Inventory Management System</h1>

    <p class="highlight">Welcome to our inventory management system. Here you can keep
track of your products and stock levels.</p>

    <h2 style="color: #555;">Product List</h2>

    <table class="inventory">
        <tr>
            <th>Product ID</th>
            <th>Product Name</th>
            <th>Category</th>
            <th>Stock Level</th>
        </tr>
        <tr>
            <td>001</td>
            <td>Widget A</td>
            <td>Widgets</td>
            <td>50</td>
        </tr>
        <tr>
```

```
            <td>002</td>
            <td>Gadget B</td>
            <td>Gadgets</td>
            <td>30</td>
        </tr>
    </table>

    <h2 style="font-family: 'Times New Roman', serif;">Category List</h2>
    <ul>
        <li>Widgets</li>
        <li>Gadgets</li>
    </ul>
</body>
</html>
Css: /* External CSS */

.inventory {
    width: 80%;
    margin: 20px auto;
    border-collapse: collapse;
}

.inventory th, .inventory td {
    border: 1px solid #333;
    padding: 10px;
    text-align: center;
}

ul {
    list-style-type: circle;
}
```



Inventory Management System

Welcome to our inventory management system. Here you can keep track of your products and stock levels.

Product List

Product ID	Product Name	Category	Stock Level
001	Widget A	Widgets	50
002	Gadget B	Gadgets	30

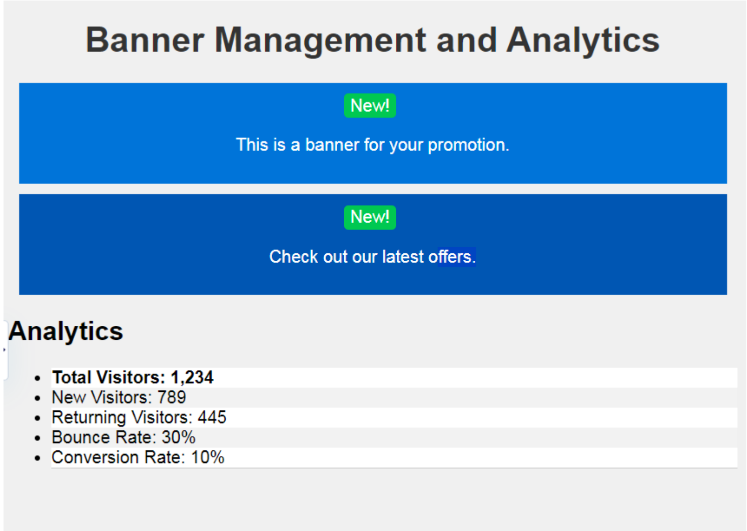
Category List

- Widgets
- Gadgets

6.Create a webpage for Banner Management and Analytics to implement CSS3 selectors, Pseudo classes, Pseudo elements.

```
<!DOCTYPE html>
<html>
<head>
  <title>Banner Management and Analytics</title>
  <style>
    /* Basic CSS styling for demonstration */
    body {
      font-family: Arial, sans-serif;
      background-color: #f0f0f0;
    }

    h1 {
      text-align: center;
      color: #333;
    }

    /* Using CSS3 selectors and pseudo-classes */
    .banner {
      background-color: #0074D9;
      color: #fff;
      text-align: center;
      padding: 10px;
      margin: 10px;
    }

    .banner:hover {
      background-color: #0056b3;
    }

    /* Using CSS3 pseudo-elements */
    .banner::before {
      content: 'New!';
      display: inline-block;
      background-color: #00C851;
      color: #fff;
      padding: 2px 6px;
      border-radius: 4px;
      margin-right: 5px;
```

```
        }

        /* CSS3 child selectors */
        .analytics-list li:nth-child(even) {
            background-color: #f2f2f2;
        }

        .analytics-list li:nth-child(odd) {
            background-color: #ffffff;
        }

        /* CSS3 first-child and last-child pseudo-classes */
        .analytics-list li:first-child {
            font-weight: bold;
        }

        .analytics-list li:last-child {
            border-bottom: 1px solid #ccc;
        }
    </style>
</head>
<body>
    <h1>Banner Management and Analytics</h1>

    <div class="banner">
        <p>This is a banner for your promotion.</p>
    </div>

    <div class="banner">
        <p>Check out our latest offers.</p>
    </div>

    <h2>Analytics</h2>
    <ul class="analytics-list">
        <li>Total Visitors: 1,234</li>
        <li>New Visitors: 789</li>
        <li>Returning Visitors: 445</li>
        <li>Bounce Rate: 30%</li>
        <li>Conversion Rate: 10%</li>
    </ul>
</body>
</html>
```



Banner Management and Analytics

New!

This is a banner for your promotion.

New!

Check out our latest offers.

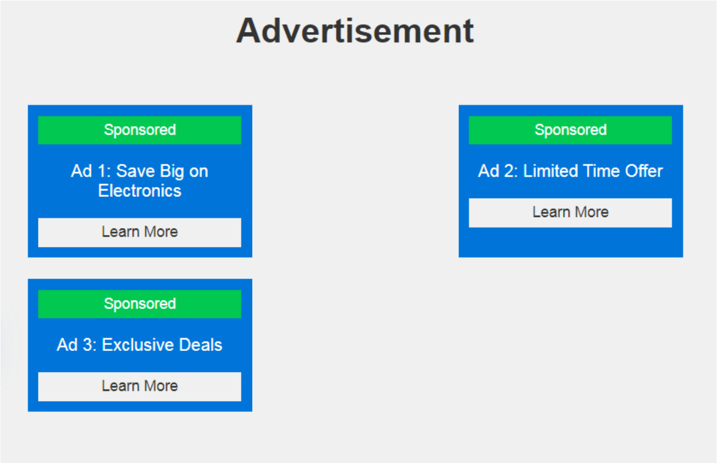
Analytics

- Total Visitors: 1,234
- New Visitors: 789
- Returning Visitors: 445
- Bounce Rate: 30%
- Conversion Rate: 10%

7.Create a webpage to implement CSS3 selectors, Pseudo classes, Pseudo elements for Advertisement.

```
<!DOCTYPE html>
<html>
<head>
    <title>Advertisement</title>
    <style>
        /* Basic CSS styling for demonstration */
        body {
            font-family: Arial, sans-serif;
            background-color: #f0f0f0;
        }

        h1 {
            text-align: center;
            color: #333;
        }

        /* Using CSS3 selectors and pseudo-classes */
        .ad-container {
            display: flex;
            flex-wrap: wrap;
            justify-content: space-between;
            padding: 20px;
        }

        .ad {
            width: 30%;
            background-color: #0074D9;
            color: #fff;
            text-align: center;
            padding: 10px;
            margin: 10px;
        }

        .ad:hover {
            background-color: #0056b3;
        }

        /* Using CSS3 pseudo-elements */
        .ad::before {
            content: 'Sponsored';
            display: block;
            background-color: #00C851;
            color: #fff;
            padding: 5px;
            font-size: 14px;
        }

        .ad::after {
            content: 'Learn More';
            display: block;
            background-color: #f0f0f0;
            color: #333;
            padding: 5px;
            font-size: 14px;
        }
    </style>
</head>
<body>
    <h1>Advertisement</h1>

    <div class="ad-container">
        <div class="ad">
            <p>Ad 1: Save Big on Electronics</p>
        </div>

        <div class="ad">
            <p>Ad 2: Limited Time Offer</p>
        </div>

        <div class="ad">
```

```
            <p>Ad 3: Exclusive Deals</p>
        </div>
    </div>
</body>
</html>
```



Advertisement

Sponsored

Ad 1: Save Big on Electronics

Learn More

Sponsored

Ad 2: Limited Time Offer

Learn More

Sponsored

Ad 3: Exclusive Deals

Learn More

8.Create responsive webpage for Online News Paper Site to implement Grid system, Forms, Button, Navbar, Breadcrumb, Jumbotron using bootstrap.

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

    <!-- Bootstrap CSS -->
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
</head>
<body>
    <!-- Bootstrap Navbar -->
    <nav class="navbar navbar-expand-lg navbar-light bg-light">
        <a class="navbar-brand" href="#">Online Newspaper</a>
        <button class="navbar-toggler" type="button" data-toggle="collapse"
data-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false"
aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
        </button>
```

```html
    <div class="collapse navbar-collapse" id="navbarNav">
        <ul class="navbar-nav">
            <li class="nav-item active">
                <a class="nav-link" href="#">Home</a>
            </li>
            <li class="nav-item">
                <a class="nav-link" href="#">News</a>
            </li>
            <li class="nav-item">
                <a class="nav-link" href="#">Opinion</a>
            </li>
            <li class="nav-item">
                <a class="nav-link" href="#">Sports</a>
            </li>
            <li class="nav-item">
                <a class="nav-link" href="#">Entertainment</a>
            </li>
        </ul>
    </div>
</nav>

<!-- Bootstrap Breadcrumb -->
<nav aria-label="breadcrumb">
    <ol class="breadcrumb">
        <li class="breadcrumb-item"><a href="#">Home</a></li>
        <li class="breadcrumb-item"><a href="#">News</a></li>
        <li class="breadcrumb-item active" aria-current="page">Article Title</li>
    </ol>
</nav>

<!-- Bootstrap Grid System (Container and Rows) -->
<div class="container">
    <div class="row">
        <!-- Main Content Area (8 columns wide on medium screens and wider) -->
        <div class="col-md-8">
            <!-- Bootstrap Jumbotron -->
            <div class="jumbotron">
                <h1 class="display-4">Article Title</h1>
                <p class="lead">Lorem ipsum dolor sit amet, consectetur adipiscing elit.</p>
                <hr class="my-4">
                <p>More content here...</p>
            </div>
        </div>
        <!-- Sidebar (4 columns wide on medium screens and wider) -->
```

```
            <div class="col-md-4">
                <!-- Bootstrap Form -->
                <form>
                    <div class="form-group">
                        <label for="search">Search</label>
                        <input type="text" class="form-control" id="search"
placeholder="Search...">
                    </div>
                    <button type="submit" class="btn btn-primary">Submit</button>
                </form>
            </div>
        </div>
    </div>

    <!-- Bootstrap JavaScript (jQuery and Popper.js) -->
    <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
    <script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.11.6/dist/umd/popper.min.js"></script>

    <!-- Bootstrap JavaScript (including Bootstrap JS) -->
    <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
</body>
</html>
```

9.Perform from the following to develop interactive web pages using JavaScript:
a. Variables, Operators, Conditions, Loops,
b. Functions, Events, Classes and Objects,

```
<!DOCTYPE html>
<html>
<head>
    <title>Simple Calculator</title>
</head>
<body>
    <h1>Simple Calculator</h1>
    <input type="text" id="display" readonly>
    <br>
    <button onclick="appendToDisplay('1')">1</button>
    <button onclick="appendToDisplay('2')">2</button>
    <button onclick="appendToDisplay('3')">3</button>
    <button onclick="appendToDisplay('+')">+</button>
    <br>
    <button onclick="appendToDisplay('4')">4</button>
    <button onclick="appendToDisplay('5')">5</button>
    <button onclick="appendToDisplay('6')">6</button>
    <button onclick="appendToDisplay('-')">-</button>
    <br>
    <button onclick="appendToDisplay('7')">7</button>
    <button onclick="appendToDisplay('8')">8</button>
    <button onclick="appendToDisplay('9')">9</button>
    <button onclick="appendToDisplay('*')">*</button>
    <br>
    <button onclick="clearDisplay()">C</button>
    <button onclick="appendToDisplay('0')">0</button>
    <button onclick="calculateResult()">=</button>
    <button onclick="appendToDisplay('/')">/</button>

    <script>
        let displayValue = '';

        function appendToDisplay(value) {
            displayValue += value;
            document.getElementById('display').value = displayValue;
        }

        function clearDisplay() {
            displayValue = '';
            document.getElementById('display').value = '';
        }

        function calculateResult() {
            try {
                displayValue = eval(displayValue);
                document.getElementById('display').value = displayValue;
            } catch (error) {
                displayValue = '';
                document.getElementById('display').value = 'Error';
            }
        }
    </script>
</body>
</html>
```

10.Perform from the following to develop interactive web pages using JavaScript: Error handling, Validations, Arrays, String, Date

```
<!DOCTYPE html>
<html>
<head>
    <title>Interactive Web Page</title>
</head>
<body>
    <h1>Interactive Web Page</h1>

    <h2>User Registration</h2>
    <form id="registrationForm" onsubmit="return validateForm()">
        <label for="username">Username:</label>
        <input type="text" id="username" required>
        <span id="usernameError" class="error"></span>

        <label for="password">Password:</label>
        <input type="password" id="password" required>
        <span id="passwordError" class="error"></span>

        <button type="submit">Register</button>
    </form>

    <h2>Operations on Arrays and Strings</h2>
    <p>Concatenated String: <span id="concatenatedString"></span></p>
    <p>Reversed Array: <span id="reversedArray"></span></p>

    <h2>Current Date</h2>
    <p id="currentDate"></p>

    <script>
        // Error handling and validation
        function validateForm() {
            const username = document.getElementById('username').value;
            const password = document.getElementById('password').value;
            const usernameError = document.getElementById('usernameError');
            const passwordError = document.getElementById('passwordError');

            usernameError.textContent = '';
            passwordError.textContent = '';
            if (username.length < 5) {
                usernameError.textContent = 'Username must be at least 5 characters.';
                return false;
            }

            if (password.length < 8) {
                passwordError.textContent = 'Password must be at least 8 characters.';
                return false;
            }

            return true;
        }

        // Operations on Arrays and Strings
        const string1 = 'Hello, ';
        const string2 = 'world!';
        const concatenatedString = string1.concat(string2);
        const reversedArray = ['apple', 'banana', 'cherry'].reverse();

        document.getElementById('concatenatedString').textContent = concatenatedString;
        document.getElementById('reversedArray').textContent = reversedArray.join(', ');

        // Current Date
        const currentDate = new Date().toLocaleString();
        document.getElementById('currentDate').textContent = currentDate;
    </script>
</body>
</html>
```

11.Create a responsive webpage to design login form and Validation of Username and Password using JavaScript

```
<!DOCTYPE html>
<html>
<head>
    <title>Login Form</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            background-color: #f0f0f0;
            display: flex;
            justify-content: center;
            align-items: center;
            height: 100vh;
        }

        .container {
            background-color: #fff;
            padding: 20px;
            border: 1px solid #ccc;
            border-radius: 5px;
            box-shadow: 3px 3px 5px #888888;
        }

        label, input {
            display: block;
            margin-bottom: 10px;
        }

        input[type="text"], input[type="password"] {
            width: 100%;
            padding: 10px;
            border: 1px solid #ccc;
            border-radius: 5px;
        }

        button {
            background-color: #0074D9;
            color: #fff;
            padding: 10px;
            border: none;
            border-radius: 5px;
            cursor: pointer;
        }

        .error {
            color: red;
            font-size: 12px;
        }
    </style>
</head>
<body>
    <div class="container">
        <h1>Login Form</h1>
        <form id="loginForm" onsubmit="return validateForm()">
            <label for="username">Username:</label>
            <input type="text" id="username" required>
            <span id="usernameError" class="error"></span>

            <label for="password">Password:</label>
            <input type="password" id="password" required>
            <span id="passwordError" class="error"></span>

            <button type="submit">Login</button>
        </form>
    </div>

    <script>
        function validateForm() {
            const username = document.getElementById('username').value;
            const password = document.getElementById('password').value;
            const usernameError = document.getElementById('usernameError');
            const passwordError = document.getElementById('passwordError');

            usernameError.textContent = '';
            passwordError.textContent = '';

            if (username.length < 5) {
                usernameError.textContent = 'Username must be at least 5 characters.';
                return false;
            }

            if (password.length < 8) {
                passwordError.textContent = 'Password must be at least 8 characters.';
                return false;
            }

            return true;
        }
    </script>
</body>
</html>
```

12.Implement the different array methods in Javascript.

push(): Adds one or more elements to the end of an array and returns the new length of the array.

javascript

Copy code

```javascript
const fruits = ['apple', 'banana'];
fruits.push('cherry');
console.log(fruits); // ['apple', 'banana', 'cherry']
```

- pop(): Removes the last element from an array and returns that element.

javascript

Copy code

```javascript
const fruits = ['apple', 'banana', 'cherry'];
const removedFruit = fruits.pop();
console.log(fruits); // ['apple', 'banana']
console.log(removedFruit); // 'cherry'
```

- forEach(): Executes a provided function once for each array element.

javascript

Copy code

```javascript
const colors = ['red', 'green', 'blue'];
colors.forEach(color => console.log(color));
```

- map(): Creates a new array by applying a function to each element of an existing array.

javascript

Copy code

```javascript
const numbers = [1, 2, 3];
const squaredNumbers = numbers.map(num => num * num);
console.log(squaredNumbers); // [1, 4, 9]
```

- filter(): Creates a new array with all elements that pass a test provided by a function.

javascript

Copy code

```javascript
const numbers = [1, 2, 3, 4, 5, 6];
const evenNumbers = numbers.filter(num => num % 2 === 0);
console.log(evenNumbers); // [2, 4, 6]
```

reduce(): Applies a function against an accumulator and each element in the array to reduce it to a single value.

javascript

Copy code

```
const numbers = [1, 2, 3, 4, 5];
const sum = numbers.reduce((accumulator, currentValue) => accumulator +
currentValue, 0);
console.log(sum); // 15
```

13.Create the front-end application for Clinic/ Health Management using JSX, Components, Props, State, Forms, Events, Routers, Refs, Keys of React.

14.Implement the different String methods in Javascript.

`length`: **Returns the length of a string.**

javascript

Copy code

```
const text = "Hello, World!";
const length = text.length;
console.log(length); // 13
```

`charAt()`: **Returns the character at the specified index in a string.**

javascript

Copy code

```
const text = "Hello, World!";
const character = text.charAt(7); // Indexing starts from 0
console.log(character); // 'W'
```

`substring()`: **Extracts a portion of a string and returns it as a new string.**

javascript

Copy code

```
const text = "Hello, World!";
const substring = text.substring(0, 5); // Extracts characters from index 0 to
4
console.log(substring); // 'Hello'
```

- `indexOf()`: Returns the index of the first occurrence of a specified substring in a string. Returns -1 if the substring is not found.

javascript

Copy code

```
const text = "Hello, World!";
const index = text.indexOf("World");
console.log(index); // 7
```

- `toUpperCase()`: Converts a string to uppercase.

javascript

Copy code

```
const text = "Hello, World!";
const uppercaseText = text.toUpperCase();
console.log(uppercaseText); // 'HELLO, WORLD!'
```

- `replace()`: Searches for a specified substring or pattern in a string and replaces it with another string.

javascript

Copy code

```
const text = "Hello, World!";
const replacedText = text.replace("World", "Universe");
console.log(replacedText); // 'Hello, Universe!'
```

15.Create the back-end application using Node.js or Express (Callbacks, Event loops).

```
const fs = require("fs");

// Function to read a file asynchronously and log its content or any error
function readAndLogFile() {
  const timeoutScheduled = Date.now();

  fs.readFile("sample.txt", "utf8", (err, data) => {
    if (err) {
      console.error(err); // Callback is used to handle errors
    } else {
      console.log(data); // Callback is used to handle successful data retrieval
    }

    const delay = Date now() - timeoutScheduled;
    console.log(`${delay}ms have passed since I was scheduled`);

    // While loop (for demonstration purposes, simulating a blocking operation)
    const startCallback = Date.now();
    while (Date.now() - startCallback < 10) {}
  });
}

readAndLogFile();
```

16.Create a responsive webpage Pharmacy Management System using HTML, CSS and Javascript.

```
<!DOCTYPE html>
<html>
<head>
    <title>Pharmacy Management System</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            background-color: #f0f0f0;
        }

        .container {
            max-width: 800px;
            margin: 0 auto;
            padding: 20px;
            background-color: #fff;
            border: 1px solid #ccc;
            border-radius: 5px;
            box-shadow: 3px 3px 5px #888888;
        }

        h1 {
            text-align: center;
        }

        .menu {
            display: flex;
            justify-content: space-around;
            margin: 20px 0;
        }

        .menu a {
            text-decoration: none;
            color: #0074D9;
        }

        .content {
            background-color: #f5f5f5;
            padding: 20px;
            border: 1px solid #ccc;
            border-radius: 5px;
        }

        table {
            width: 100%;
            border-collapse: collapse;
        }

        table, th, td {
            border: 1px solid #ccc;
        }

        th, td {
            padding: 10px;
            text-align: left;
        }
    </style>
</head>
<body>
    <div class="container">
        <h1>Pharmacy Management System</h1>
        <div class="menu">
            <a href="#">Inventory</a>
            <a href="#">Sales</a>
            <a href="#">Orders</a>
        </div>

        <div class="content">
            <h2>Inventory</h2>
            <table>
                <tr>
                    <th>Product Name</th>
                    <th>Quantity</th>
                    <th>Price</th>
                </tr>
                <tr>
                    <td>Medicine A</td>
                    <td>100</td>
                    <td>$10.00</td>
                </tr>
                <!-- Add more rows for inventory items -->
            </table>
        </div>
    </div>
</body>
</html>
```

17. Create the front-end application for Travel Advisory WebApp using ReactJS