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BRANCH: MATHEMATICS & COMPUTING

Task 1 & 2:
Code:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>CSS Styling</title>
    <style>
        /* Styling for unordered list */
        ul {
            list-style-type: none;
            margin: 0;
            padding: 0;
        }

        li:nth-child(odd) {
            background-color: rgb(173, 216, 230); /* Light
blue */
            padding: 8px;
            font-family: sans-serif;
            font-size: 14px;
        }

        /* Styling for table */
        table {
            border-collapse: collapse;
            width: 100%;
        }
```

```
        th, td {
            border: 1px solid black;
            text-align: left;
            padding: 8px;
            font-family: sans-serif;
            font-size: 14px;
        }

        th {
            background-color: black;
            color: white;
        }

        tr:nth-child(odd) {
            background-color: lightgray;
        }
    </style>
</head>
<body>

    <ul>
        <li>Eswatini</li>
        <li>Ecuador</li>
        <li>Tanzania</li>
        <li>Spain</li>
        <li>Slovakia</li>
        <li>Iraq</li>
    </ul>

    <h2>     ......        </h2>
    <table>
        <thead>
            <tr>
                <th>Country</th>
                <th>Capital</th>
                <th>Language</th>
            </tr>
        </thead>
```

```html
        <tbody>
            <tr>
                <td>Albania</td>
                <td>Tirana</td>
                <td>Albanian</td>
            </tr>
            <tr>
                <td>Papua New Guinea</td>
                <td>Port Moresby</td>
                <td>English</td>
            </tr>
            <tr>
                <td>Latvia</td>
                <td>Riga</td>
                <td>Latvian</td>
            </tr>
            <tr>
                <td>France</td>
                <td>Paris</td>
                <td>French</td>
            </tr>
        </tbody>
    </table>
</body>
</html>
```

Eswatini	
Ecuador	
Tanzania	
Spain	
Slovakia	
Iraq	

• • • • • •

Country	Capital	Language
Albania	Tirana	Albanian
Papua New Guinea	Port Moresby	English
Latvia	Riga	Latvian
France	Paris	French

T3.
Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>Grilled Cheese Sandwich Recipe</title>
    <style>
        body {
            font-family: Arial, sans-serif;
        }

        h1 {
            font-family: 'Arial Black', sans-serif;
        }
```

```css
        .ingredients {
            list-style-type: none;
            padding: 0;
        }

        .meat {
            background-color: lightcoral;
        }

        .vegetables {
            background-color: lightgreen;
        }

        .dairy {
            background-color: lightyellow;
        }

        em {
            font-style: italic;
        }
    </style>
</head>
<body>
    <h1>Grilled Cheese Sandwich Recipe</h1>
    <h2>Ingredients</h2>
    <ul class="ingredients">
        <li class="meat">Bacon</li>
        <li class="vegetables">Tomato</li>
        <li class="dairy">Cheese</li>
        <li class="dairy">Butter</li>
        <li>Bread</li>
    </ul>
    <h2>Instructions</h2>
    <p><em>Spread butter on one side of each bread slice.
Place cheese, bacon, and tomato between two slices of bread
with the buttered sides facing outwards. Grill the sandwich
```

```
on a skillet until both sides are golden brown and the cheese
is melted.</em></p>
</body>
</html>
```

Grilled Cheese Sandwich Recipe

Ingredients

Bacon
Tomato
Cheese
Butter
Bread

Instructions

Spread butter on one side of each bread slice. Place cheese, bacon, and tomato between two slices of bread with the buttered sides facing outwards. Grill the sandwich on a skillet until both sides are golden brown and the cheese is melted.

```
T4.
Code:<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>Two-Column Layout</title>
```

```html
<style>
    body {
        font-family: Arial, sans-serif;
        margin: 0;
        padding: 0;
    }

    .container {
        display: flex;
    }

    .column {
        width: 50%;
        padding: 20px;
        box-sizing: border-box;
    }

    .left-column {
        background-color: lightgray;
    }

    .right-column {
        background-color: lightgreen;
    }

    ul {
        list-style-type: none;
        padding: 0;
    }

    li {
        margin-bottom: 10px;
    }
</style>
</head>
<body>
    <div class="container">
        <div class="column left-column">
```

```html
            <h2>My Favourite Books</h2>
            <ul>
                <li>The Alchemist</li>
                <li>12th fail</li>
                <li>Ruk Jana Nhi</li>
                <li>The art Of Living</li>
                <li>Why India Matters!</li>
            </ul>
        </div>
        <div class="column right-column">
            <h2>Favorite Celebrities/Athletes</h2>
            <ul>
                <li>Dhoni</li>
                <li>Shrayas Iyer</li>
                <li>Sunil chettri</li>
                <li>raydu</li>
                <li>Shurya Kumar Yadav</li>
            </ul>
        </div>
    </div>
</body>
</html>
```


T5:
Code:
```html
<!DOCTYPE html>
```

```html
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>Webpage with Navbar</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            margin: 0;
            padding: 0;
        }

        nav {
            background-color: lightblue;
            padding: 20px;
        }

        nav ul {
            list-style-type: none;
            margin: 0;
            padding: 0;
        }

        nav ul li {
            display: inline;
            margin-right: 20px;
        }

        nav ul li:hover {
            background-color:Beige;
        }
      .body{
        background-color= Beige;
        }
    </style>
</head>
<body>
```

```
    <nav>
        <ul>
            <li><a href="#">Home</a></li>
            <li><a href="#">About</a></li>
            <li><a href="#">Contact</a></li>
        </ul>
    </nav>
    <h1>Welcome to My WebPage</h1>
    <p>This is a webpage with a navbar.</p>
</body>
</html>
```

⊕ Webpage with Navbar ›

Home   About   Contact

Welcome to My WebPage

This is a webpage with a navbar.

```
T6.
Code:
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>Playing Card Animation</title>
    <style>
        @keyframes spin {
            from {
                transform: rotate(0deg);
```

```
            }
            to {
                transform: rotate(360deg);
            }
        }

        img {
            animation: spin 3s linear infinite;
        }
    </style>
</head>
<body>
    <img src="playing_card.png" alt="Playing Card">
</body>
</html>
```


T7.
Code:
```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>My Homepage</title>
    <link rel="stylesheet" href="styles.css">
</head>
```

```
<body>
    <nav>
        <ul>
            <li><a href="index.html">Home</a></li>
            <li><a href="hobbies.html">Hobbies</a></li>
            <li><a href="teams.html">Favorite Teams</a></li>
        </ul>
    </nav>
    <h1>Welcome to My Homepage</h1>
    <p>This is my personal homepage.</p>
    <footer>
        <p>&copy; 2024 SHUBHAM</p>
    </footer>
</body>

</html>
```

🌐 My Homepage ›

- [Home](#)
- [Hobbies](#)
- [Favorite Teams](#)

Welcome to My Homepage

This is my personal homepage.