

Q1.

The screenshot shows the Visual Studio Code interface. The Explorer sidebar on the left lists files: index.html, style.css, h1.html, index.html, # st.css, and # style.css. The h1.html file is selected. The main editor area displays the content of h1.html:

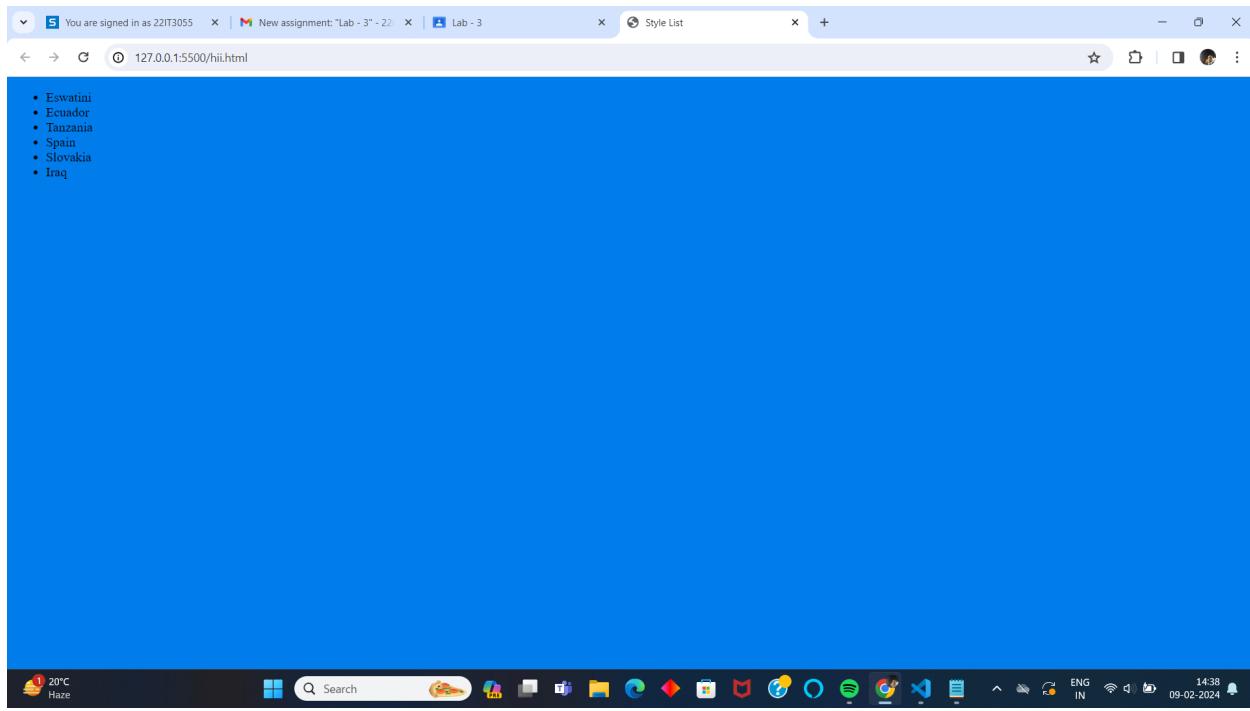
```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Style List</title>
    <link rel="stylesheet" href="st.css">
</head>
<body>
    <ul>
        <li>Eswatini</li>
        <li>Ecuador</li>
        <li>Tanzania</li>
        <li>Spain</li>
        <li>Slovakia</li>
        <li>Iraq</li>
    </ul>
</body>
</html>
```

The status bar at the bottom indicates: Ln 16, Col 22, Spaces: 4, UTF-8, CRLF, HTML, Port: 5500. The taskbar at the bottom shows various application icons.

The screenshot shows the Visual Studio Code interface. The Explorer sidebar on the left lists files: index.html, style.css, h1.html, index.html, # st.css, and # style.css. The # st.css file is selected. The main editor area displays the content of st.css:

```
# st.css > body
body{
    background-color: #rgb(0, 125, 235);
```

The status bar at the bottom indicates: Ln 3, Col 2, Spaces: 4, UTF-8, CRLF, CSS, Port: 5500. The taskbar at the bottom shows various application icons.



```
Q2. <!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Styled Table</title>
<style>
table {
    font-family: sans-serif;
    border-collapse: collapse;
    width: 100%;
}
th, td {
    padding: 8px;
    text-align: left;
    border-bottom: 1px solid #ddd;
}
th {
    background-color: black;
    color: white;
}
tr:nth-child(odd) {
    background-color: lightgray;
}
```

```
</style>
</head>
<body>

<table>
  <tr>
    <th>Country</th>
    <th>Capital</th>
    <th>Language</th>
  </tr>
  <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>
</table>

</body>
</html>
```

The screenshot shows a Microsoft Edge browser window with multiple tabs open. The active tab displays a styled table with three columns: Country, Capital, and Language. The table has four rows of data. The desktop taskbar at the bottom shows various pinned icons and the system tray with weather information (20°C Haze), network status, battery level, and the date/time (09-02-2024).

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

Q3. <!DOCTYPE html>

```
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Grilled Cheese Sandwiches with Bacon and Tomato</title>
<style>
body {
    font-family: Arial, sans-serif;
}
h1 {
    font-family: sans-serif;
}
ul {
    list-style-type: none;
    padding: 0;
}
.meat {
    background-color: lightcoral;
}
.vegetable {
    background-color: lightgreen;
}
.dairy {
```

```
background-color: lightyellow;
}
.instructions {
    font-style: italic;
}

```

</style>

</head>

<body>

<h1>Grilled Cheese Sandwiches with Bacon and Tomato</h1>

<h2>Ingredients:</h2>

<li class="meat">Bacon

<li class="dairy">Cheese

<li class="vegetable">Tomato

<li class="dairy">Butter

<li class="dairy">Bread

<h2>Instructions:</h2>

<p class="instructions">1. Cook the bacon until crispy.</p>

<p class="instructions">2. Slice the tomato and cheese.</p>

<p class="instructions">3. Butter one side of each slice of bread.</p>

<p class="instructions">4. On the non-buttered side of one slice of bread, layer the cheese, tomato slices, and bacon.</p>

<p class="instructions">5. Place the other slice of bread on top, buttered side facing out.</p>

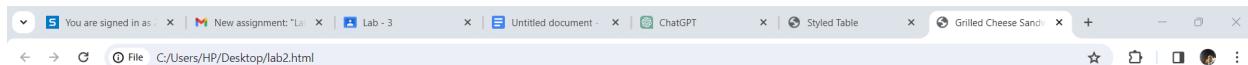
<p class="instructions">6. Heat a skillet over medium heat and place the sandwich in the skillet.</p>

<p class="instructions">7. Cook until golden brown on both sides and the cheese is melted.</p>

<p class="instructions">8. Remove from the skillet, slice, and serve hot.</p>

</body>

</html>



Grilled Cheese Sandwiches with Bacon and Tomato

Ingredients:

Bacon
Cheese
Tomato
Butter
Bread

Instructions:

1. Cook the bacon until crispy.
2. Slice the tomato and cheese.
3. Butter one side of each slice of bread.
4. On the non-buttered side of one slice of bread, layer the cheese, tomato slices, and bacon.
5. Place the other slice of bread on top, buttered side facing out.
6. Heat a skillet over medium heat and place the sandwich in the skillet.
7. Cook until golden brown on both sides and the cheese is melted.
8. Remove from the skillet, slice, and serve hot.



Q4. <!DOCTYPE html>

```
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Two Column Page</title>
<style>
body {
    margin: 0;
    padding: 0;
    font-family: Arial, sans-serif;
}
.container {
    display: flex;
}
.column {
    width: 50%;
    padding: 20px;
}
.left-column {
    background-color: lightgray;
}
.right-column {
    background-color: lightgreen;
}
```

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

```

</style>

</head>

<body>

```
<div class="container">
    <div class="column left-column">
        <h2>Best Selling Books on Kindle</h2>
        <ul>
            <li>"The Silent Patient" by Alex Michaelides</li>
            <li>"Where the Crawdads Sing" by Delia Owens</li>
            <li>"The Tattooist of Auschwitz" by Heather Morris</li>
            <li>"Becoming" by Michelle Obama</li>
            <li>"Educated: A Memoir" by Tara Westover</li>
        </ul>
    </div>
    <div class="column right-column">
        <h2>Favorite Celebrities/Athletes</h2>
        <ul>
            <li>Lionel Messi</li>
            <li>Tom Hanks</li>
            <li>Rihanna</li>
            <li>Simone Biles</li>
            <li>Dwayne "The Rock" Johnson</li>
        </ul>
    </div>

```

</div>

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

Best Selling Books on Kindle

- "The Silent Patient" by Alex Michaelides
- "Where the Crawdads Sing" by Delia Owens
- "The Tattooist of Auschwitz" by Heather Morris
- "Becoming" by Michelle Obama
- "Educated: A Memoir" by Tara Westover

Favorite Celebrities/Athletes

- Lionel Messi
- Tom Hanks
- Rihanna
- Simone Biles
- Dwayne "The Rock" Johnson

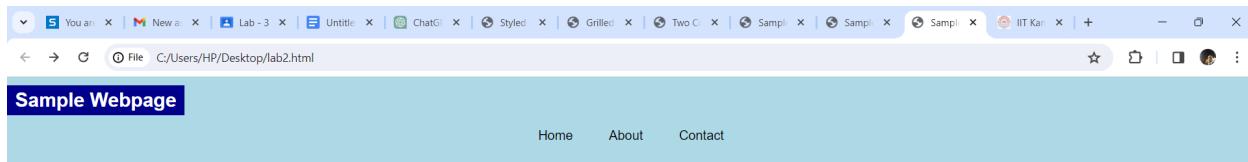


Q5. <!DOCTYPE html>

```
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Sample Webpage with Navbar</title>
<style>
body {
    margin: 0;
    padding: 0;
    font-family: Arial, sans-serif;
}
nav {
    background-color: lightblue;
    padding: 10px 0;
}
ul {
    list-style-type: none;
    padding: 0;
    text-align: center;
}
li {
    display: inline;
    margin: 0 10px;
}
```

```
        }
    li a {
        text-decoration: none;
        color: black;
        padding: 5px 10px;
    }
    h1 {
        display: inline-block;
        padding: 5px 10px;
        margin: 0;
        background-color: lightblue;
        transition: background-color 0.3s ease;
    }
    h1:hover {
        background-color: darkblue;
        color: white;
    }
</style>
</head>
<body>

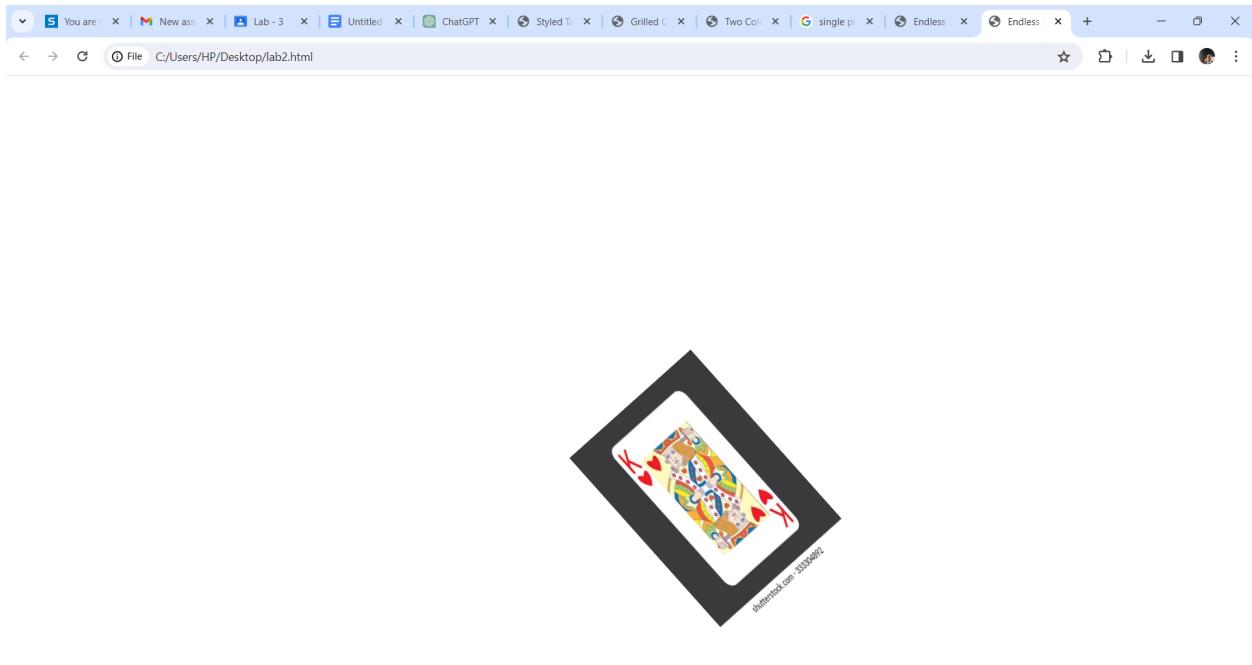
<nav>
    <h1>Sample Webpage</h1>
    <ul>
        <li><a href="https://www.iitk.ac.in/">Home</a></li>
        <li><a href="https://www.iitk.ac.in/doaa/">About</a></li>
        <li><a href="https://www.iitk.ac.in/new/contact-iitk">Contact</a></li>
    </ul>
</nav>
</body>
</html>
```



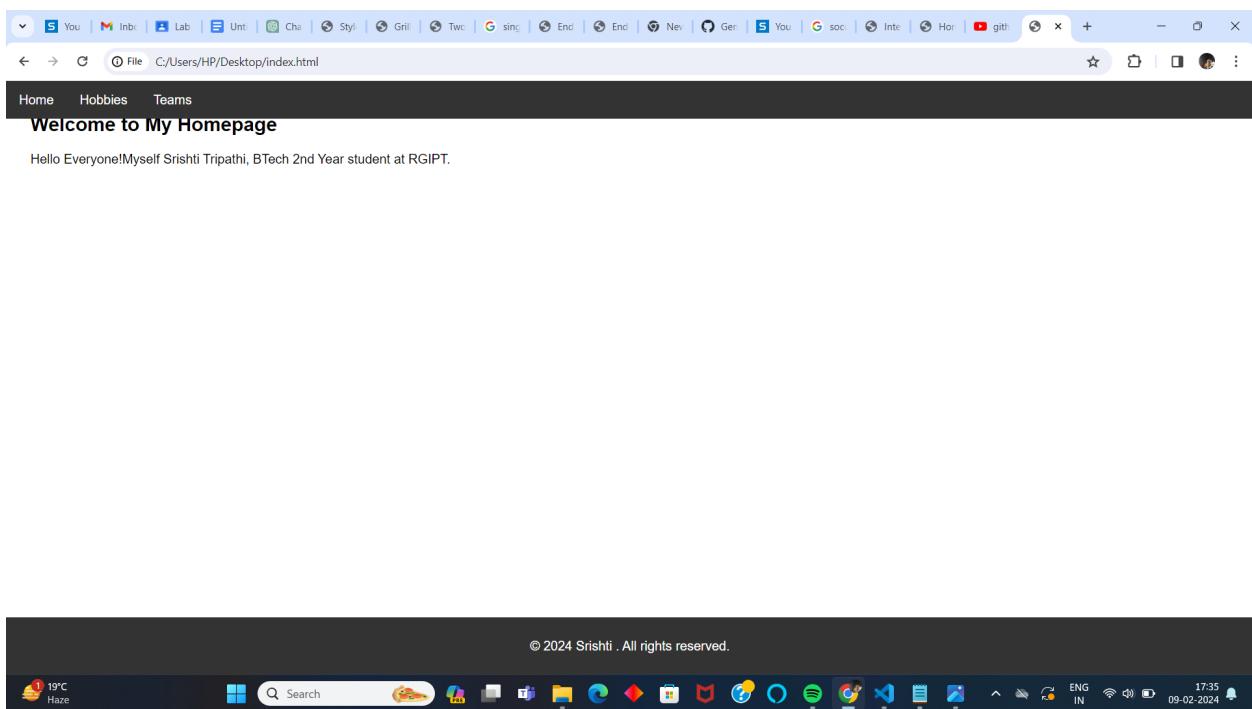
```
Q6. <!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Endless Spinning Playing Card</title>
<style>
    @keyframes spin {
        0% { transform: rotate(0deg); }
        100% { transform: rotate(360deg); }
    }
    .playing-card {
        width: 200px;
        height: 300px;
        position: absolute;
        top: 50%;
        left: 50%;
        transform: translate(-50%, -50%);
        animation: spin 3s linear infinite;
    }
</style>
</head>
<body>

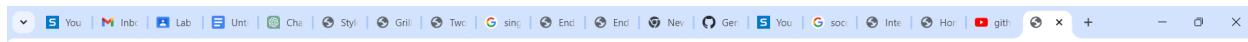

```

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

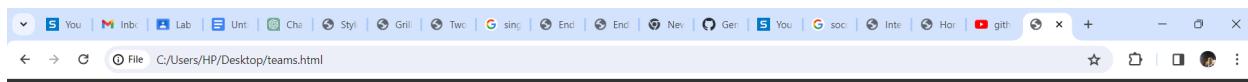
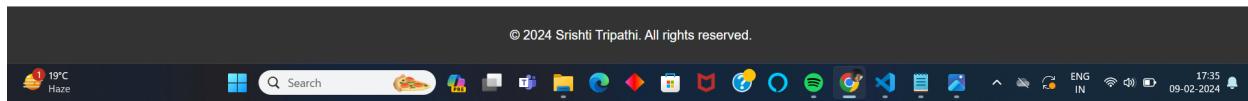


Q7.

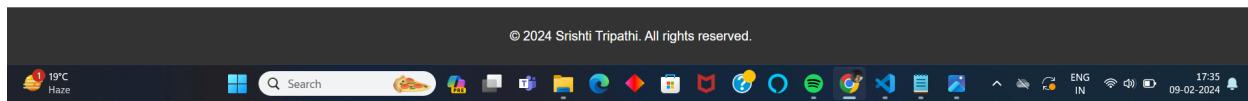




My hobby is to read novels and fictional stories of different genres. I also like to play badminton. Exploring the great outdoors is where I feel most alive. Whether it's hiking through lush forests, camping under the stars, or embarking on adrenaline-pumping adventures, I thrive in nature and find solace in its beauty and serenity.



- Football: Manchester United
- Basketball: Los Angeles Lakers
- Baseball: New York Yankees
- Hockey: Boston Bruins



Q8. <!DOCTYPE html>

```
<html lang="en">  
<head>  
    <meta charset="UTF-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Horizontal Menu with Dropdown Submenus</title>
<style>
body {
    font-family: Arial, sans-serif;
    margin: 0;
    padding: 0;
}

nav {
    background-color: #333;
    color: white;
    text-align: center;
}

ul {
    list-style: none;
    padding: 0;
    margin: 0;
    display: flex;
    justify-content: space-around;
}

li {
    position: relative;
}

a {
    text-decoration: none;
    color: white;
    display: block;
    padding: 10px;
    transition: background-color 0.3s ease;
}

a:hover {
    background-color: #555;
}
```

```

ul.submenu {
    display: none;
    position: absolute;
    top: 100%;
    left: 0;
    background-color: #333;
    border-top: 1px solid #666;
}

li:hover > ul.submenu {
    display: flex;
    flex-direction: column;
}

ul.submenu li {
    width: 100%;
}

ul.submenu a {
    padding: 10px;
}

</style>

</head>

<body>
    <nav>
        <ul>
            <li><a href="https://www.flipkart.com/">Home</a></li>
            <li>
                <a
                    href="https://www.flipkart.com/india-ka-furniture-studio-store?fm=neo%2Fmerchandising&iid=M_4
4e0f38e-f642-42cc-8aba-2bb2f79d6ca2_1_372UD5BXDFYS_MC.Q6I8NGK1VUG9&otracker=hp_ric
h_navigation_1_1.navigationCard.RICH_NAVIGATION_Home%2B%2526%2BFurniture~Home%2B
Furnishings_Q6I8NGK1VUG9&otracker1=hp_rich_navigation_PINNED_neo%2Fmerchandising_NA
_NAV_EXPANDABLE_navigationCard_cc_1_L1_view-all&cid=Q6I8NGK1VUG9">Products</a>
                <ul class="submenu">

```

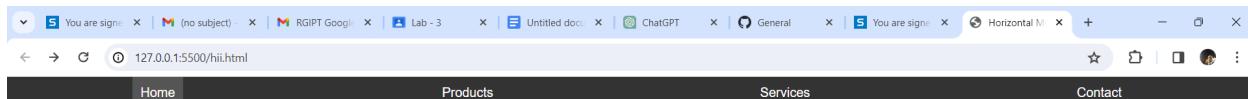
```
<li><a href="https://www.flipkart.com/grocery-supermart-store?marketplace=GROCERY&fm=neo%2Fmerchandising&iid=M_44e0f38e-f642-42cc-8aba-2bb2f79d6ca2_1_372UD5BXDFYS_MC.CBUR1Q46W5F1&otracker=hp_rich_navigation_1_1.navigationCard.RICH_NAVIGATION_Grocery_CBUR1Q46W5F1&otracker1=hp_rich_navigation_PINNED_neo%2Fmerchandising_NA_NAV_EXPANDABLE_navigationCard_cc_1_L0_view-all&cid=CBUR1Q46W5F1">Category 1</a></li>

<li><a href="https://www.flipkart.com/mobile-phones-store?fm=neo%2Fmerchandising&iid=M_44e0f38e-f642-42cc-8aba-2bb2f79d6ca2_1_372UD5BXDFYS_MC.ZRQ4DKH28K8J&otracker=hp_rich_navigation_2_1.navigationCard.RICH_NAVIGATION_Mobiles_ZRQ4DKH28K8J&otracker1=hp_rich_navigation_PINNED_neo%2Fmerchandising_NA_NAV_EXPANDABLE_navigationCard_cc_2_L0_view-all&cid=ZRQ4DKH28K8J">Category 2</a></li>

<li><a href="https://www.flipkart.com/tvs-and-appliances-new-clp-store?fm=neo%2Fmerchandising&iid=M_44e0f38e-f642-42cc-8aba-2bb2f79d6ca2_1_372UD5BXDFYS_MC.LO4IWVHA61BX&otracker=hp_rich_navigation_6_1.navigationCard.RICH_NAVIGATION_Appliances_LO4IWVHA61BX&otracker1=hp_rich_navigation_PINNED_neo%2Fmerchandising_NA_NAV_EXPANDABLE_navigationCard_cc_6_L0_view-all&cid=LO4IWVHA61BX">Category 3</a></li>

</ul>
</li>
<li>
    <a href="https://www.flipkart.com/helpcentre">Services</a>
    <ul class="submenu">
        <li><a href="https://www.flipkart.com/pages/returnpolicy?otracker=${otracker}_navlinks">Service 1</a></li>
        <li><a href="https://www.flipkart.com/pages/terms?otracker=${otracker}_navlinks">Service 2</a></li>
        <li><a href="https://www.flipkart.com/pages/privacypolicy?otracker=${otracker}_navlinks">Service 3</a></li>
```

```
</ul>
</li>
<li><a href="https://www.flipkart.com/helpcentre?otracker=${otracker}_navlinks">Contact</a></li>
</ul>
</nav>
</body>
</html>
```



https://www.myntra.com

18°C Haze

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