WD-MAJOR-PROJECT

Name : Bhavya Lineswala

Domain : Web Development

Batch : February

Source Code (Github Link) :

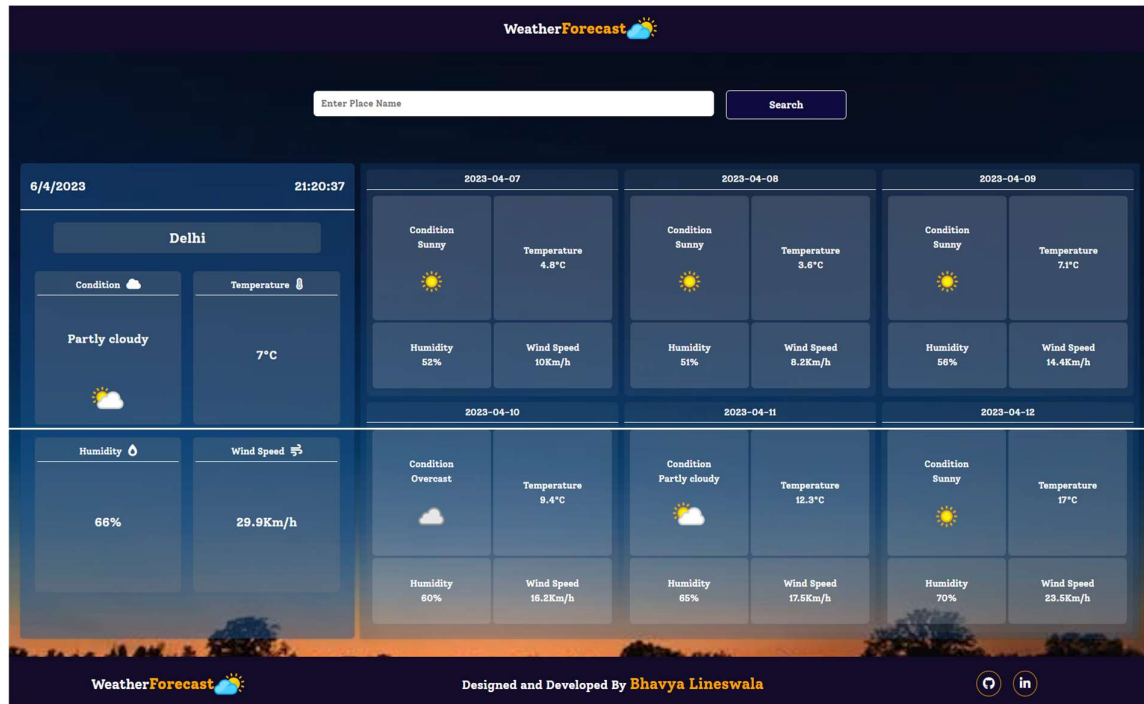https://github.com/Bhavya0811/WeatherForecastWebApplication.git

Description About Website:

This is a Weather and WeatherForecast web application, which is made of HTML, CSS, Javascript and Weather API. This website shows the current weather information and next 6 days weather information of the place you search. By default the location set to "Delhi".

You can search any place by entering the name of the place in the search box and then click on the Search button. If the place is found, it shows the weather details, but if it's not found then the previous location weather details will continue to show in the screen. You should always try to give the correct and valid name of place otherwise it shows an error message.

How Website Look :

SOURCE CODE :

1. Index.html

```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>Weather And Weather Forecast - Web Application</title>
    <link rel="icon" href="./Icon.png">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.1.2/css/all.min.css" />
    <!-- Custome Style Sheet -->
    <link rel="stylesheet" href="./App.css">
    <link rel="stylesheet" href="./MediaQuery.css">
</head>

<body onload="startTime(), GetWeather(DefaultPlace)">
    <main>
        <header>
            <p id="App_Name">Weather<span>Forecast</span></p>
            <img src="./Icon.png" alt="App-icon" class="App_Icon">
        </header>
        <form onsubmit="event.preventDefault();">
            <div class="Search_Field">
                <input type="text" id="Search_Place" placeholder="Enter Place Name">
                <p id="ErrorMsg"></p>
            </div>
            <button id="SearchButton">Search</button>
        </form>

        <div class="Weather_Container">

            <div class="CurrentWeather_Container">

                <div class="CurrentWeather">

                    <div class="DateTime_Container">
                        <p id="Date">Date</p>
                        <p id="Time">Time</p>
                    </div>

                    <h3 id="Place_Name">Place Name</h3>
                            <div class="Weather_Details">
```

```html
            <div class="Weather_Item" id="WeatherConditionBox">
                <h5>Condition <i class="fa-solid fa-cloud"></i></h5>
                <p id="Condition"> </p>
                <div id="ConditionIcon"></div>
            </div>

            <div class="Weather_Item">
                <h5>Temperature <i class="fa-solid fa-temperature-full"></i></h5>
                <p> <span id="Temperature"></span>&deg;C</p>
            </div>

            <div class="Weather_Item">
                <h5>Humidity <i class="fa-solid fa-fire-flame-simple"></i></h5>
                <p><span id="Humidity"></span>&percnt;</p>
            </div>

            <div class="Weather_Item">
                <h5>Wind Speed <i class="fa-solid fa-wind"></i></h5>
                <p><span id="WindSpeed"></span> Km/h</p>
            </div>
        </div>
    </div>
</div>

<div class="WeatherForecast_Container">
    <div class="WeatherForeCast">

        <div class="ForeCastItem">
            <h5 id="Day1"></h5>
            <div class="ForeCastItem-Details">
                <div id="Day1ConditionBox" class="ConditionBox"> </div>
                <p>Temperature<span id="Day1Temperature"></span></p>
                <p>Humidity<span id="Day1Humidity"></span></p>
                <p>Wind Speed<span id="Day1Wind"></span></p>
            </div>
        </div>

        <div class="ForeCastItem">
            <h5 id="Day2"></h5>
            <div class="ForeCastItem-Details">
                    <div id="Day2ConditionBox" class="ConditionBox"> </div>
                        <p>Temperature<span id="Day2Temperature"></span></p>
                        <p>Humidity<span id="Day2Humidity"></span></p>
                        <p>Wind Speed<span id="Day2Wind"></span></p>
            </div>
        </div>

            <div class="ForeCastItem">
```

```html
            <h5 id="Day3"></h5>
            <div class="ForeCastItem-Details">
                <div id="Day3ConditionBox" class="ConditionBox"> </div>
                <p>Temperature<span id="Day3Temperature"></span></p>
                <p>Humidity<span id="Day3Humidity"></span></p>
                <p>Wind Speed<span id="Day3Wind"></span></p>
            </div>
        </div>

        <div class="ForeCastItem">
            <h5 id="Day4"></h5>
            <div class="ForeCastItem-Details">
                <div id="Day4ConditionBox" class="ConditionBox"> </div>
                <p>Temperature<span id="Day4Temperature"></span></p>
                <p>Humidity<span id="Day4Humidity"></span></p>
                <p>Wind Speed<span id="Day4Wind"></span></p>
            </div>
        </div>

        <div class="ForeCastItem">
            <h5 id="Day5"></h5>
            <div class="ForeCastItem-Details">
                <div id="Day5ConditionBox" class="ConditionBox"> </div>
                <p>Temperature<span id="Day5Temperature"></span></p>
                <p>Humidity<span id="Day5Humidity"></span></p>
                <p>Wind Speed<span id="Day5Wind"></span></p>
            </div>
        </div>

        <div class="ForeCastItem">
            <h5 id="Day6"></h5>
            <div class="ForeCastItem-Details">
                <div id="Day6ConditionBox" class="ConditionBox"> </div>
                <p>Temperature<span id="Day6Temperature"></span></p>
                <p>Humidity<span id="Day6Humidity"></span></p>
                <p>Wind Speed<span id="Day6Wind"></span></p>
            </div>
        </div>
    </div>
  </div>
</div>
<footer>
  <div class="App-Logo">
    <p id="App_Name">Weather<span>Forecast</span></p>
    <img src="./Icon.png" alt="App-icon" class="App_Icon">
  </div>
  <div class="DesignerInfo">
    <p>Designed and Developed By <span id="Name">Bhavya Lineswala</span></p>
```

```html
        </div>
        <div class="SocialMedia">
          <a href="https://github.com/bhavya8112" target="_blank" title="Github-Profile"><i
              class="fa-brands fa-github"></i>
            <a href="https://www.linkedin.com/in/bhavya-lineswala-5ab026221/" target="_blank"
              title="Linkdin-Profile"><i class="fa-brands fa-linkedin-in"></i></i>
        </div>
      </footer>
    </main>
    <script src="./App.js"></script>
</body>
</html>
```

2. App.css

```css
@import url('https://fonts.googleapis.com/css2?family=Solway:wght@700;800&display=swap');

*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: 'Solway', serif;
    font-weight: 700;

}
main{
    width: 100%;
    height: fit-content;
    color: white;
}
body{
    background-image: url("weather.png");
    background-size: cover;
    background-repeat: no-repeat;
}

/* Header Style */
header{
    width: 100%;
    height: 9vh;
    display: flex;
    align-items: center;
    justify-content: center;
    background-color: #130b2a;
    position: fixed;
    top: 0;
}
```

```css
#App_Name{
    font-weight: 700;
    font-size: 18px;
}
#App_Name span{
    font-size: 20px;
    font-weight: 800;
    color: orange;
}
.App_Icon{
    width: 40px;
}

/* Form Style */
form{
    margin: 5em  auto 0em auto;
    width: 70%;
    height: 15vh;
    display: flex;
    align-items: center;
    justify-content: center;
    gap: 1em;
}
.Search_Field{
    padding-top: 30px;
    width: 50%;
    display: flex;
    justify-content: center;
    flex-direction: column;
}
#Search_Place{
    width: 100%;
    padding: 0.8em;
    border: none;
    border-radius: 5px;
    font-size: 12px;
}
#Search_Place:focus{
    outline: none;
}
#ErrorMsg{
    text-transform: capitalize;
    font-weight: 400;
    background-color: red;
    font-size: 12px;
    font-style: italic;
    padding: 0.8em;
    border-bottom-left-radius: 5px;
```

```css
    border-bottom-right-radius: 5px;
    opacity: 0;
    word-spacing: 5px;
}
#SearchButton{
    width: 15%;
    padding: 0.8em;
    border: none;
    border-radius: 5px;
    background-color: rgba(15, 10, 63, 1);
    color: white;
    border: 1px solid white;
}
#SearchButton:hover{
    cursor: pointer;
    background-color: rgba(15, 10, 63, 0);
}
/* Weather_Container Style  */
.Weather_Container{
    margin: 1em 0em;
    width: 100%;
    height: 90vh;
    padding: 0.5em 1em;
    display: flex;
    align-items: center;
    justify-content: center;
    gap: 0.5em;
}
.CurrentWeather_Container{
    box-shadow: rgba(0, 0, 0, 0.02) 0px 1px 3px 0px, rgba(27, 31, 35, 0.15) 0px 0px 0px 1px;
    width: 30%;
    height: 100%;
    background-color: #1c538e79;
    display: flex;
    align-items: center;
    justify-content: center;
    border-radius: 5px;
}
.CurrentWeather_Container .CurrentWeather{
    border-radius: 5px;
    width: 100%;
    height: 100%;
    display: flex;
    flex-direction: column;
    align-items: center;
    gap: 1em;
    text-align: center;
}
```

```css
.CurrentWeather_Container .CurrentWeather .DateTime_Container{
    border-bottom: 2px solid white;
    width: 100%;
    height: 10%;
    display: flex;
    align-items: center;
    justify-content: space-between;
    padding: 0em 0.8em;
}
#Place_Name{
    width: 80%;
    padding: 0.5em;
    border-radius: 5px;
    background-color: rgba(128, 128, 128, 0.281);
}
.Weather_Details{
    width: 95%;
    height: 70%;
    display: grid;
    grid-template-columns: repeat(2, 1fr);
    grid-template-rows: repeat(2, 1fr);
    gap: 1em;
    padding: 0.5em;
}
.Weather_Item{
    background-color: rgba(128, 128, 128, 0.281);
    border-radius: 5px;
    display: flex;
    align-items: center;
    flex-direction: column;
    padding: 0.2em;
}
.Weather_Item p{
    height: 80%;
    width: 100%;
    display: flex;
    align-items: center;
    justify-content: center;
}
#WeatherConditionBox {
    display: flex;
    align-items: center;
    justify-content: center;
}

h5{
    font-size: 12px;
    border-bottom: 1px solid white;
```

```css
        padding: 0.5em;
    width: 100%;
    text-align: center;
}
h5 i{
    font-size: 15px;
    margin-left: 5px;
}
.WeatherForecast_Container{
    box-shadow: rgba(0, 0, 0, 0.02) 0px 1px 3px 0px, rgba(27, 31, 35, 0.15) 0px 0px 0px 1px;
    background-color: hsla(211, 67%, 33%, 0.267);
    width: 70%;
    height: 100%;
}
.WeatherForecast_Container .WeatherForeCast{
    border-radius: 5px;
    width: 100%;
    height: 100%;
    display: grid;
    grid-template-columns: repeat(3, 2fr);
    padding: 0.5em;
    gap: 0.5em;
}
.WeatherForeCast .ForeCastItem{
    background-color: rgba(128, 128, 128, 0.116);
    border-radius: 5px;
    display: flex;
    flex-direction: column;
    align-items: center;
}
.WeatherForeCast .ForeCastItem:hover{
    transform: scale(0.95);
}
.ForeCastItem .ForeCastItem-Details{
    width: 100%;
    height: 90%;
    padding: 0.5em;
    display: grid;
    grid-template-columns: repeat(2, 1fr);
    gap: 0.2em;
}

.ForeCastItem .ForeCastItem-Details p, .ConditionBox{
    border-radius: 5px;
    display: flex;
    align-items: center;
    justify-content: center;
    font-size: 12px;
```

```css
    flex-direction: column;
    padding: 1em 0em;
    gap: 0.4em;
    background-color: rgba(249, 246, 252, 0.144);
}
.ForeCastItem .ForeCastItem-Details .ConditionBox p{
    background-color: transparent;
}
.WeatherForeCast .ForeCastItem .ForeCastItem-Details .ConditionBox img{
    width: 50px;
}
#ConditionIcon img{
    width: 50px;
}
footer {
    width: 100%;
    height: 10vh;
    display: flex;
    flex-direction: row;
    justify-content: center;
    align-items: center;
    gap: 3em;
    /* background-color: #231c38; */
    background-color: #130b2a;
    padding: 0.5em;
 }
 footer .App-Logo {
    display: flex;
    flex-direction: row;
    justify-content: center;
    align-items: center;
    gap: 0em;
    width: 30%;
    height: 100%;
    display: flex;
    flex-direction: row;
    justify-content: center;
    align-items: center;
    gap: 0em;
 }
 footer .DesignerInfo {
    width: 50%;
    text-align: center;
    height: 100%;
    display: flex;
    flex-direction: row;
    justify-content: center;
    align-items: center;
```

```css
    gap: 0em;
  }
  footer .DesignerInfo #Name {
    color: orange;
    font-size: 20px;
  }
  footer .SocialMedia {
    display: flex;
    flex-direction: row;
    justify-content: center;
    align-items: center;
    gap: 1em;
    width: 20%;
    height: 100%;
  }
  footer .SocialMedia a {
    text-decoration: none;
    display: flex;
    flex-direction: row;
    justify-content: center;
    align-items: center;
    gap: 0em;
    border: 1px solid orange;
    border-radius: 50%;
    padding: 0.5em;
    color: white;
  }
  footer .SocialMedia a:hover i {
    transform: scale(1.3);
    color: orange;
  }
```

3. MediaQuery.css

```css
@media screen and (max-width: 768px) and (min-width: 120px) {
  form{
      width: 100%;
      padding:0.5em;
      flex-direction: column;
      height: 25vh;
  }
  .Search_Field{
      width: 90%;
  }
  #SearchButton{
      width: 40%;
```

```css
}
.Weather_Container{
    height: 320vh;
    flex-direction: column;
    padding: 0.5em 0em;
}
.CurrentWeather_Container{
    width: 100%;
    height: 35%;
}
.WeatherForecast_Container{
    width: 100%;
    height: 65%;
}
.WeatherForecast_Container .WeatherForeCast{
    grid-template-columns: repeat(2, 1fr);
    grid-template-rows: repeat(3, 2fr);
}
.ForeCastItem .ForeCastItem-Details{
    grid-template-columns: repeat(1, 1fr);
}
footer {
    height: 25vh;
    flex-direction: column;
    padding: 1em 0em;
    gap: 1em;
}
footer .App-Logo {
    width: 100%;
    height: 30%;
}
footer .App-Logo #App-Name {
    font-weight: 700;
    font-size: 16px;
}
 footer .App-Logo #App-Name span {
    font-weight: 600;
    font-size: 15px;
    color: orange;
     }
footer .DesignerInfo {
    width: 90%;
    height: 30%;
    font-size: 15px;
}
 footer .SocialMedia {
    width: 100%;
     height: 30%;
```

```css
        }
}
@media screen and (max-width: 1023px) and (min-width: 769px) {
    header{
        width: 100%;
        height: 5vh;
        display: flex;
        align-items: center;
        justify-content: center;
        background-color: #1c538efd;
        position: fixed;
        top: 0;
    }
    /* Form Style */
    form{
        margin-top: 5em;
        width: 100%;
        padding:0.5em;
        flex-direction: column;
        height: 15vh;
    }
    .Search_Field{
        width: 70%;
    }
    #SearchButton{
        width: 50%;
    }
    .CurrentWeather_Container{
        width: 40%;
    }
    .Weather_Details{
        grid-template-columns: repeat(1, 1fr);
    }
    .WeatherForecast_Container{
        width: 60%;
    }
    .WeatherForecast_Container .WeatherForeCast{
        grid-template-columns: repeat(2, 2fr);
    }
    footer {
        height: 20vh;
        flex-direction: column;
        padding: 1em 0em;
        gap: 1em;
    }
    footer .App-Logo {
        width: 100%;
        height: 30%;
```

```css
    }
    footer .App-Logo #App-Name {
        font-weight: 700;
        font-size: 16px;
    }
     footer .App-Logo #App-Name span {
        font-weight: 600;
        font-size: 15px;
        color: orange;
    }
    footer .DesignerInfo {
        width: 90%;
        height: 30%;
        font-size: 15px;
    }
     footer .SocialMedia {
        width: 100%;
        height: 30%;
    }
}
```

4. App.js

```javascript
const DefaultPlace = "Delhi";
const CheckCity = /^[A-Za-z]+$/;

let WeatherContainer = document.querySelector(".Weather_Container")
let CurrentDate = document.getElementById("Date");
let CurrentTime = document.getElementById("Time");
let City = document.getElementById("Place_Name");
let SearchCity = document.getElementById("Search_Place");
let SearchButton = document.getElementById('SearchButton');
let Temperature = document.getElementById("Temperature");
let Condition = document.getElementById("Condition");
let Humidity = document.getElementById("Humidity");
let WindSpeed = document.getElementById("WindSpeed");
let ErrorMsg = document.getElementById("ErrorMsg");
let Day1= document.getElementById("Day1")
let Day1Temperature = document.getElementById("Day1Temperature");
let Day1Humidity = document.getElementById("Day1Humidity");
let Day1Wind = document.getElementById("Day1Wind");
let Day1ConditionBox = document.getElementById("Day1ConditionBox");
let Day2= document.getElementById("Day2")
let Day2Temperature = document.getElementById("Day2Temperature");
let Day2Humidity = document.getElementById("Day2Humidity");
let Day2Wind = document.getElementById("Day2Wind");
let Day2ConditionBox = document.getElementById("Day2ConditionBox");
```

```javascript
let Day3= document.getElementById("Day3")
let Day3ConditionBox = document.getElementById("Day3ConditionBox");
let Day3Temperature = document.getElementById("Day3Temperature");
let Day3Humidity = document.getElementById("Day3Humidity");
let Day3Wind = document.getElementById("Day3Wind");
let Day4= document.getElementById("Day4")
let Day4ConditionBox = document.getElementById("Day4ConditionBox");
let Day4Temperature = document.getElementById("Day4Temperature");
let Day4Humidity = document.getElementById("Day4Humidity");
let Day4Wind = document.getElementById("Day4Wind");
let Day5= document.getElementById("Day5")
let Day5ConditionBox = document.getElementById("Day5ConditionBox");
let Day5Temperature = document.getElementById("Day5Temperature");
let Day5Humidity = document.getElementById("Day5Humidity");
let Day5Wind = document.getElementById("Day5Wind");
let Day6= document.getElementById("Day6")
let Day6ConditionBox = document.getElementById("Day6ConditionBox");
let Day6Temperature = document.getElementById("Day6Temperature");
let Day6Humidity = document.getElementById("Day6Humidity");
let Day6Wind = document.getElementById("Day6Wind");
let Day7= document.getElementById("Day7")
let Day7ConditionBox = document.getElementById("Day7ConditionBox");
let Day7Temperature = document.getElementById("Day7Temperature");
let Day7Humidity = document.getElementById("Day7Humidity");
let Day7Wind = document.getElementById("Day7Wind");
let ConditionIconBox = document.getElementById("ConditionIcon");
SearchButton.addEventListener('click', (event)=>{
    let len= SearchCity.value
    if(SearchCity.value.match(CheckCity) && len.length != 0){
        GetWeather(SearchCity.value);
    }
    else{
        ErrorMsg.style.opacity = 1;
        ErrorMsg.innerHTML ="Kindly Enter Valid Place Name !";
        ErrorMsg.style.backgroundColor ="red";
        HideErrorMsg();
        SearchCity.focus();
        SearchCity.value="";
    }
})
const GetWeather =  (city) =>{
    const url =
`http://api.weatherapi.com/v1/forecast.json?key=378603cebc014f298d5164956232702&q=${city}&days=7
&aqi=no&alerts=no`;
    fetch(url).then((resp) => resp.json())
    .then(data =>{
        ErrorMsg.style.opacity = 1;
        ErrorMsg.style.backgroundColor ="green";
```

```javascript
        ErrorMsg.innerHTML =`${city}'s Weather Details Show`;
        HideErrorMsg();
        return ShowWeather(data)
    })
    .catch(()=>{
        ErrorMsg.style.opacity = 1;
        ErrorMsg.style.backgroundColor ="red";
        ErrorMsg.innerHTML =`${city} not found`;
        SearchCity.focus();
        SearchCity.value = "";
        HideErrorMsg();
    })
}
const ShowWeather = (WeatherData) =>{
    console.log(WeatherData);
    City.innerHTML = `${WeatherData.location.name}`;
    Temperature.innerHTML =`${WeatherData.current.temp_c}`;
    Condition.innerHTML = `${WeatherData.current.condition.text}`;
    Humidity.innerHTML = `${WeatherData.current.humidity}`;
    WindSpeed.innerHTML = `${WeatherData.current.wind_kph}`;
    ConditionIconBox.innerHTML =`<img src="${WeatherData.current.condition.icon}" alt="Condition-
Icon">`
    Day1.innerHTML = `${WeatherData.forecast.forecastday[1].date}`;
    Day1ConditionBox.innerHTML =
`<p>Condition<span>${WeatherData.forecast.forecastday[1].day.condition.text}</span> </p>
    <img src="${WeatherData.forecast.forecastday[1].day.condition.icon}" alt="Condition-Icon">`
    Day1Temperature.innerHTML =  `${WeatherData.forecast.forecastday[1].day.avgtemp_c}`+"&deg;C" ;
    Day1Humidity.innerHTML =  `${WeatherData.forecast.forecastday[1].day.avghumidity}` + "&percnt;";
    Day1Wind.innerHTML =  `${WeatherData.forecast.forecastday[1].day.maxtemp_c}` + "Km/h";

    Day2.innerHTML = `${WeatherData.forecast.forecastday[2].date}`;
    Day2ConditionBox.innerHTML =
`<p>Condition<span>${WeatherData.forecast.forecastday[2].day.condition.text}</span> </p>
    <img src="${WeatherData.forecast.forecastday[2].day.condition.icon}" alt="Condition-Icon">`
        Day2Temperature.innerHTML
=  `${WeatherData.forecast.forecastday[2].day.avgtemp_c}`+"&deg;C" ;
    Day2Humidity.innerHTML =  `${WeatherData.forecast.forecastday[2].day.avghumidity}` + "&percnt;";
    Day2Wind.innerHTML =  `${WeatherData.forecast.forecastday[2].day.maxtemp_c}` + "Km/h";

    Day3.innerHTML = `${WeatherData.forecast.forecastday[3].date}`;
    Day3ConditionBox.innerHTML =
`<p>Condition<span>${WeatherData.forecast.forecastday[3].day.condition.text}</span> </p>
    <img src="${WeatherData.forecast.forecastday[3].day.condition.icon}" alt="Condition-Icon">`
        Day3Temperature.innerHTML
=  `${WeatherData.forecast.forecastday[3].day.avgtemp_c}`+"&deg;C" ;
    Day3Humidity.innerHTML =  `${WeatherData.forecast.forecastday[3].day.avghumidity}` + "&percnt;";
    Day3Wind.innerHTML =  `${WeatherData.forecast.forecastday[3].day.maxtemp_c}` + "Km/h";
    Day4.innerHTML = `${WeatherData.forecast.forecastday[4].date}`;
```

```
    Day4ConditionBox.innerHTML =
`<p>Condition<span>${WeatherData.forecast.forecastday[4].day.condition.text}</span> </p>
    <img src="${WeatherData.forecast.forecastday[4].day.condition.icon}" alt="Condition-Icon">`
    Day4Temperature.innerHTML =  `${WeatherData.forecast.forecastday[4].day.avgtemp_c}`+"&deg;C" ;
    Day4Humidity.innerHTML =  `${WeatherData.forecast.forecastday[4].day.avghumidity}` + "&percnt;";
    Day4Wind.innerHTML =  `${WeatherData.forecast.forecastday[4].day.maxtemp_c}` + "Km/h";

    Day5.innerHTML = `${WeatherData.forecast.forecastday[5].date}`;
    Day5ConditionBox.innerHTML =
`<p>Condition<span>${WeatherData.forecast.forecastday[5].day.condition.text}</span> </p>
    <img src="${WeatherData.forecast.forecastday[5].day.condition.icon}" alt="Condition-Icon">`
    Day5Temperature.innerHTML =  `${WeatherData.forecast.forecastday[5].day.avgtemp_c}`+"&deg;C" ;
    Day5Humidity.innerHTML =  `${WeatherData.forecast.forecastday[5].day.avghumidity}` + "&percnt;";
    Day5Wind.innerHTML =  `${WeatherData.forecast.forecastday[5].day.maxtemp_c}` + "Km/h";

    Day6.innerHTML = `${WeatherData.forecast.forecastday[6].date}`;
    Day6ConditionBox.innerHTML =
`<p>Condition<span>${WeatherData.forecast.forecastday[6].day.condition.text}</span> </p>
    <img src="${WeatherData.forecast.forecastday[6].day.condition.icon}" alt="Condition-Icon">`
    Day6Temperature.innerHTML =  `${WeatherData.forecast.forecastday[6].day.avgtemp_c}`+"&deg;C" ;
    Day6Humidity.innerHTML =  `${WeatherData.forecast.forecastday[6].day.avghumidity}` + "&percnt;";
    Day6Wind.innerHTML =  `${WeatherData.forecast.forecastday[6].day.maxtemp_c}` + "Km/h";
};

let SystemDate = new Date();
CurrentDate.innerHTML = SystemDate.getDate()+"/"+ (SystemDate.getMonth()+1) +"/"+
SystemDate.getFullYear();
function startTime() {
    const today = new Date();
    let h = today.getHours();
    let m = today.getMinutes();
    let s = today.getSeconds();
    m = checkTime(m);
    s = checkTime(s);
    CurrentTime.innerHTML =  h + ":" + m + ":" + s;
    setTimeout(startTime, 1000);
 }
 function checkTime(i) {
 if (i < 10) {
  i = "0" + i
};
 return i;
}
function HideErrorMsg() {
    setTimeout(() => {
        ErrorMsg.style.opacity = 0;
    }, 5000);
}
```