Index.html

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

  <link rel="stylesheet" href="styles.css"/>
  <script src="https://unpkg.com/axios@1.6.7/dist/axios.min.js"></script>
</head>
<body >
  <div class="weather-app">
   <header>
     <div>
       <h2>
         Welcome to our Weather application
       </h2>
     </div>
   </header>

   <main>
    <div>
     <form action="" class="search-form" id="search-form">

       <input type="search" name="city" id="city-name" placeholder="Enter city name" required class="form-input"/>

       <button type="submit" class="form-button">search</button>
     </form>
    </div>

    <div class="weather-data">
     <h3>Paris</h3>
     <!--
     <h3>
     🌟 18
     <strong>C</strong>

     </h3>
      -->

    <div class="weather-app-temperature-container">

     <div class="" id="weather-app-icon">
```

```html
      <img src="http://shecodes-assets.s3.amazonaws.com/api/weather/icons/broken-
clouds-day.png"
        alt="not loading" class="weather-app-icon">
      </div>

    <div class="weather-app-temperature" id="currenttemperaturevalue">12</div>
    <div class="weatehr-app-unit">°C</div>
    </div>
    </div>

    <div>
     <p >
      <span id="currenttime">
        Tuesday

        14.40

        ,
      </span>

      <span id="weatherdescription">
       scattered clouds
      </span>

      <br />
      Humidity :
      <span id="Humidity" class="Humidity">
       66
      </span>
      , Wind Speed :
      <span id="windspeed">
       4.3
      </span>

     </p>
    </div>

  </main>

  <footer>
   <div>

     Coded by <a href="https://github.com/Rennish" target="_blank">Rennish Mboya </a>

     and is on
```

```html
    <a href="https://github.com/Rennish/Week7-Weather-API"
target="_blank">Github</a>
    and hosted by
    <a href="https://rennishweatherapp.netlify.app/" target="_blank">Netlify.</a>
    <br>
    The design was done using <a href="https://www.figma.com/"
target="_blank">Figma</a>

    </div>
   </footer>
 </div>
 <script src="index.js"></script>
</body>
</html>
```

Index.js

```javascript
function refreshWeather(currentweather){

 //document.write(currentweather.data.temperature.current)

 //let currentTemperature = Math.round(currentweather.data.temperature.current) ;

 //document.write(currentTemperature);

 //display the temperature
 let currenteTemperatureValue = document.querySelector("#currenttemperaturevalue");

 //currenteTemperatureValue.innerHTML = currentTemperature ;
 //this is a shorter way of doing the exact same thing the commented codes do.
 currenteTemperatureValue.innerHTML =
Math.round(currentweather.data.temperature.current) ;

 //display the weather description
 let weatherDescription = document.querySelector("#weatherdescription") ;
 weatherDescription.innerHTML = currentweather.data.condition.description ;

 let currentWeatherIcon = document.querySelector("#weather-app-icon");
 currentWeatherIcon.innerHTML = `
        <img
        src="${currentweather.data.condition.icon_url}"
        alt = "not loading"
        class = "weather-app-icon"
        /> `;
```

```javascript
  console.log(currentweather.data);

  //display the humidity
  let humidity = document.querySelector("#Humidity");
  humidity.innerHTML = `${currentweather.data.temperature.humidity}%`;

  //display the wind speed
  let windSpeed = document.querySelector("#windspeed");
  windSpeed.innerHTML  = `${currentweather.data.wind.speed} knots `;

  //display day and time
  let currentTime = document.querySelector("#currenttime");
  let date = new Date(currentweather.data.time * 1000);
  currentTime.innerHTML = formatDate(date);




}

function formatDate(date){
 let minutes = date.getMinutes();
 let hours = date.getHours();
 let days = ["Monday",
       "Tuesday",
       "Wednesday",
       "Thursday",
       "Friday",
       "Saturday",
       "Sunday"
 ]

 let day = days[date.getDay()];

 if (minutes <10){
   minutes = `0${minutes}` ;
 }

 return `${day} ${hours}:${minutes}` ;
}

function searchCity(currentcityName){
 let apiKey = "73dof19a030ad06t05b21e8521b4860f";
 let apiurl =
`https://api.shecodes.io/weather/v1/current?query=${currentcityName}&key=${apiKey}`;
 //console.log(currentcityName);
```

```javascript
  axios.get(apiurl).then(refreshWeather);
  //console.log(apiurl);
}
function displayCity(event){
  event.preventDefault();

  let cityName = document.querySelector("#city-name");
  let cityNamedisplayed = document.querySelector("h3");
  cityNamedisplayed.innerHTML = cityName.value ;

  currentcityname = cityName.value
  searchCity(currentcityname) ;
}
let searchForm = document.querySelector("#search-form");
searchForm.addEventListener("submit", displayCity);
```

styles.css

```css
body{
  background-color: #f9f7fe;
}
a{
  color: rgb(123, 3, 123);
}
header{
  padding: 0 0 10px 0;
  border-top: 5px solid rgb(175, 172, 172);
  text-align: center;
  text-decoration: underline;
}
h3{
    padding: 40px 0 0 0;
    border-top: 5px solid rgb(175, 172, 172);
    font-size: 30px;
    line-height: 30px;
    text-transform:capitalize ;
}
.weather-app{
  background-color: rgb(175, 172, 172);
  max-width: 600px;
  margin: 100px auto;
  padding: 30px;

  border-radius: 30px;
```

```css
}
h2{
  color: rgb(81, 49, 10);
}
.weather-app-temperature-container{
  display: flex;
   padding: 40px 0 0;
    border-top: 30px solid rgb(175, 172, 172);

    line-height: 30px;
    text-transform: capitalize;
}
.weather-data{
  display: flex;
  justify-content: space-between;
}
.weather-app-icon {
  height: 80px;
  width: 80px;
  line-height: 20px;

  padding-bottom: 10px;

  margin-top: 3px;
}

.weather-app-temperature {
  font-size: 80px;
  margin-left: 10px;
  font-weight: bold;
}

.weatehr-app-unit {
  margin-top: 16px;
  font-size: 28px;
}
.Humidity{
  color: rgb(123, 3, 123);
  font-weight: bold;
}
.form-input{

  text-decoration: solid;
  border: none;
  width: 70%;
  border-color: blueviolet;
  border-radius: 5px;
```

```css
    font-size: 20px;
    padding: 10px 15px;
}
.form-button{
 border: none;
 background-color: rgb(123, 3, 123);
 color: whitesmoke;
 padding: 10px 15px;
 font-size: 20px;
 text-transform: uppercase;
 margin-left: 5px;
 border-radius: 9px;
}
footer{
    padding: 0 0 10px 0;
    border-top: 5px solid rgb(175, 172, 172);
    text-align: center;
    color: rgba(0, 0, 0, 0.5);
    font-size: 13px;
}
```