PROJECT -1

COLLEGE NAME : GOVERNMENT DEGREE COLLEGE CHEEPURUPALLI

INSTITUTION NAME : SMARTBTIDGE

COURSE NAME: FULLSTACK DEVELOPMENT WITH MERN [JAVA]

OBJECTIVES:

Bulding an application that proactively used for WEATHER FORECASTING , A beautiful application designed for the have of weather updates sharing for the live wheather updates

Technologies used:

- **HTML**
- **CSS**
- **Openwheather**

HTML CODE:

HTML, CSS, JS

```
<!DOCTYPE html>
<html>
<head>
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Weather App - Easy Tutorials</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>

  <div class="card">
    <div class="search">
      <input type="text" placeholder="enter city name" spellcheck="false">
      <button><img src="https://i.ibb.co/98jdf7L/search.png"></button>
    </div>
    <div class="error">
      <p>Invalid city name</p>
    </div>
    <div class="weather">
      <img src="https://i.ibb.co/tQzZyKV/rain.png" class="weather-icon">
      <h1 class="temp">22°C</h1>
      <h2 class="city">New York</h2>
      <div class="details">
        <div class="col">
          <img src="https://i.ibb.co/4pNNK1w/humidity.png">
          <div>
            <p class="humidity">50%</p>
            <p>Humidity</p>
          </div>
        </div>
        <div class="col">
          <img src="https://i.ibb.co/q0XrZYf/wind.png">
```

Ln 92, Col 8 ● Spaces: 2 History

index.html

Run

HTML CODE:

HTML, CSS, JS

```
src= https://t.tbb.co/q0xr2rr/wind.png >
            <div>
              <p class="wind">15 km/h</p>
              <p>Wind Speed</p>
            </div>
          </div>
        </div>
      </div>
    </div>

    <script>
      const apiKey =
"41fef045961be65f7f8a0df75eb2e9ee";
      const apiUrl =
"https://api.openweathermap.org/data/2.5/weather
?appid=" + apiKey;
      const searchBox =
document.querySelector(".search input");
      const searchBtn =
document.querySelector(".search button");
      const weatherIcon =
document.querySelector(".weather-icon");

      async function checkWeather(city) {
        const response = await fetch(apiUrl +
"&q=" + city);

        if (response.status == 404) {

document.querySelector(".error").style.display
= "block";

document.querySelector(".weather").style.display
 = "none";
        } else {
          const data = await response.json();

document.querySelector(".city").innerHTML =
data.name;

```

Ln 92, Col 8 ● Spaces: 2 History

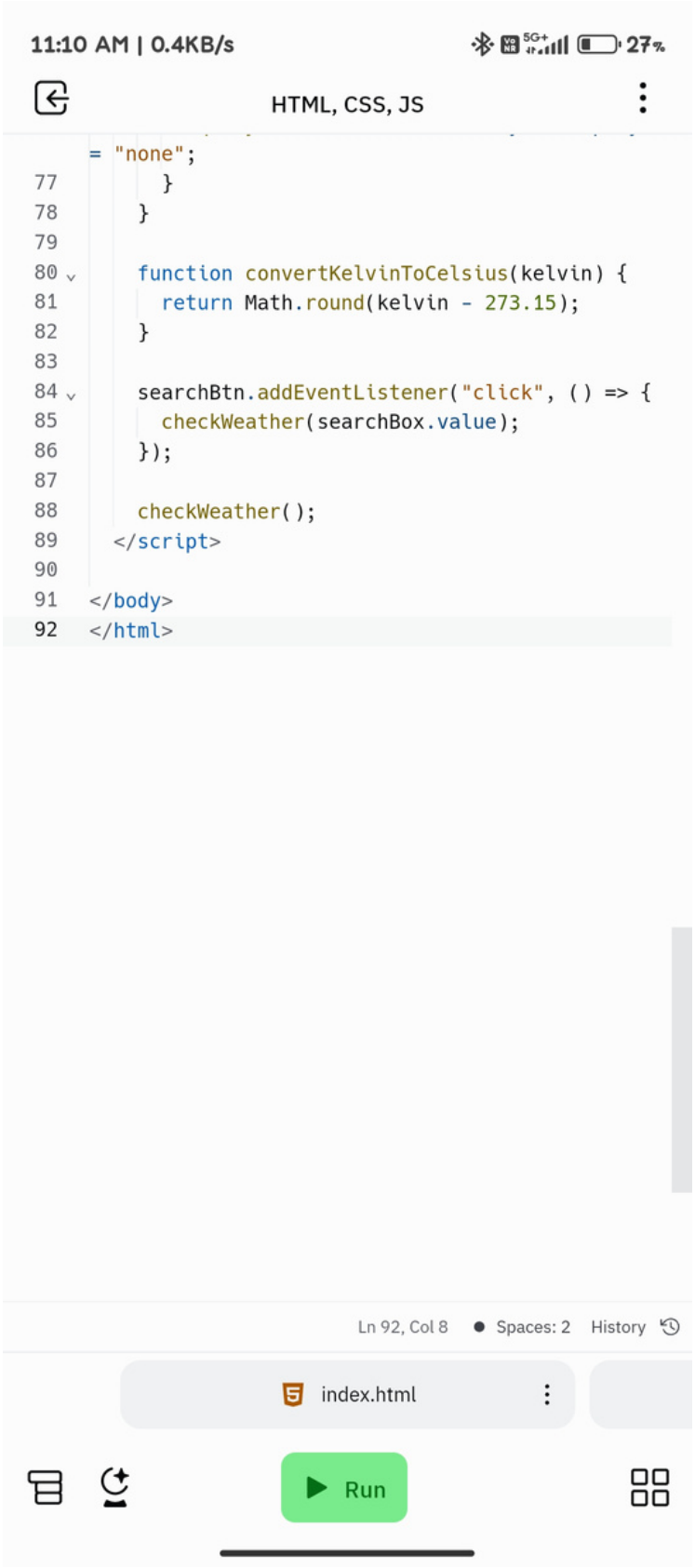
index.html

Run

HTML CODE:


HTML, CSS, JS
document.querySelector(".temp").innerHTML = convertKelvinToCelsius(data.main.temp) + "°C";
document.querySelector(".humidity").innerHTML = data.main.humidity + "%";
document.querySelector(".wind").innerHTML = data.wind.speed + " km/h";
if (data.weather[0].main == "Clouds") {
weatherIcon.src = "https://i.ibb.co/wwbcSxX/clouds.png";
} else if (data.weather[0].main == "Clear") {
weatherIcon.src = "https://i.ibb.co/pzS6qTS/clear.png";
} else if (data.weather[0].main == "Rain") {
weatherIcon.src = "https://i.ibb.co/tQzZyKV/rain.png";
} else if (data.weather[0].main == "Drizzle") {
weatherIcon.src = "https://i.ibb.co/zbzMJr9/drizzle.png";
} else if (data.weather[0].main == "Mist") {
weatherIcon.src = "https://i.ibb.co/8zDjbYJ/mist.png";
} else if (data.weather[0].main == "Snow") {
weatherIcon.src = "https://i.ibb.co/tPSpdgX/snow.png";
}
document.querySelector(".weather").style.display = "block";
document.querySelector(".error").style.display
Ln 92, Col 8
Spaces: 2
History
index.html
Run

HTML CODE:


11:10 AM | 0.4KB/s
27%
HTML, CSS, JS
= "none";
}
}
function convertKelvinToCelsius(kelvin) {
return Math.round(kelvin - 273.15);
}
searchBtn.addEventListener("click", () => {
checkWeather(searchBox.value);
});
checkWeather();
</script>
</body>
</html>
Ln 92, Col 8
Spaces: 2
History
index.html
Run

CSS CODE:


HTML, CSS, JS
*{
margin: 0;
padding: 0;
font-family: 'Poppins', sans-serif;
box-sizing: border-box;
}
body{
background: #222;
}
.card{
width: 90%;
max-width: 470px;
background: linear-gradient(135deg, #00feba, #5b548a);
color: #fff;
margin: 100px auto 0;
border-radius: 20px;
padding: 40px 35px;
text-align: center;
}
.search{
width: 100%;
display: flex;
align-items: center;
justify-content: space-between;
}
.search input{
border: 0;
outline: 0;
background: #ebfffc;
color: #555;
padding: 10px 25px;
height: 60px;
border-radius: 30px;
flex: 1;
margin-right: 16px;
font-size: 18px;
}
Ln 92, Col 2
Spaces: 2
History
style.css
Run

CSS CODE:

HTML, CSS, JS

```css
.search button{
  border: 0;
  outline: 0;
  background: #ebffc;
  boarder-radius: 50%;
  width: 60px;
  height: 60px;
  cursor: pointer;
}
.search button img{
  width: 16px;
}
.weather-icon{
  width: 170px;
  margin-top: 30px;
}
.weather h1{
  font-size: 80px;
  font-weight: 500;
}
.weather h2{
  font-size: 45px;
  font-weight: 400
  margin-top: -10px;
}
.details{
  display: flex;
  align-items: center;
  justify-content: space-between;
  padding: 0 20px;
  margin-top: 50px;
}
.col{
  display: flex;
  align-items: center;
  text-align: left;
}
.col img{
  width: 40px;
```

Ln 92, Col 2 • Spaces: 2 History

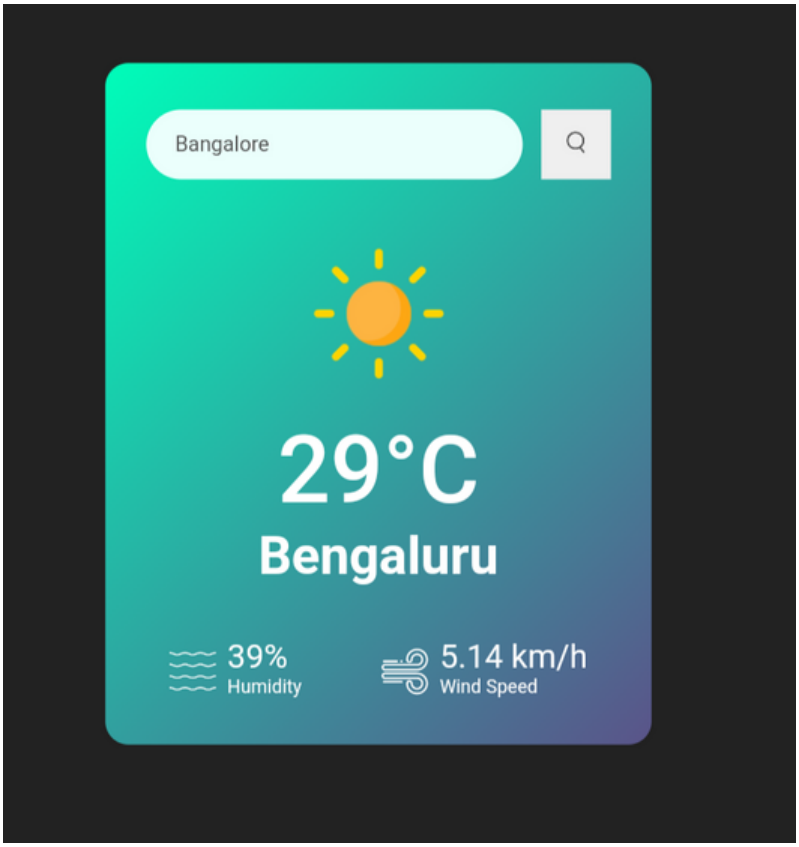
style.css

Run

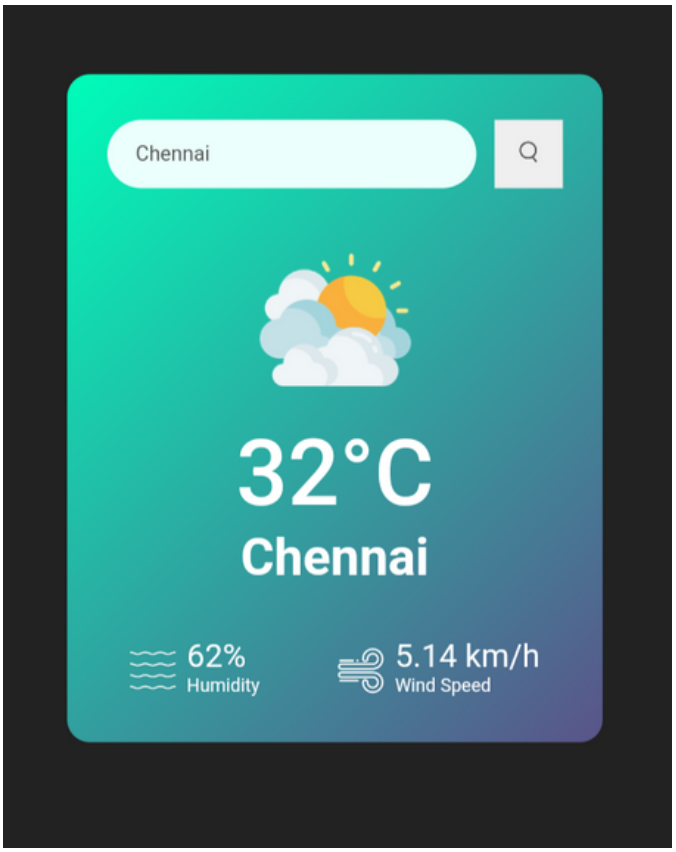
CSS CODE:


HTML, CSS, JS
77 margin-right: 10px;
78 }
79 .humidity, .wind{
80 font-size: 28px;
81 margin-top: -6px;
82 }
83 .weather{
84 display: none;
85 }
86 .error{
87 text-align: left;
88 margin-left: 10px;
89 font-size: 14px;
90 margin-top: 10px;
91 display: none;
92 }
Ln 92, Col 2
Spaces: 2
History
style.css
Run

Final Look Of The App:



Final Look Of The App:



Link for the website:

https://0d3a3935-070c-4885-aa26-279a59d4074e-00-19etaa0s2pae.pike.replit.dev/

REPLICA FILE LINK:

https://replit.com/@akhilstark2124/HTML-CSS-JS?s=app

Conclusion :

I was created a website for the check the wheather for any city in the
world it uses the api from openwheather app and it displays the exact current wheather of the city