Script.jss code:

```
let theme = $(".theme");
let loader = $(".loader");
let txt = $(".ml10");
```

```
if (window.localStorage.theme == "dark") {
  // alert("dark");
  document.body.classList.remove("light-
theme");
  document.body.classList.add("dark-theme");
  theme.html("Light Mode");
} else {
  // alert("light");
  document.body.classList.add("light-theme");
  document.body.classList.remove("dark-
theme");
  theme.html("Dark Mode");
}
```

```
function stars() {
  let count = 200;
  let scene = $("#nav");
  let i = 0;
  while (i < count) {
    let star = document.createElement("i");
```

```
    let x = Math.floor(Math.random() *
window.innerWidth);
    let y = Math.floor(Math.random() *
window.innerHeight);
    let duration = Math.random() * 10;
    let size = Math.random() * 2;
```

```
    star.style.left = x + "px";
    star.style.top = y + "px";
    star.style.width = 1 + size + "px";
    star.style.height = 1 + size + "px";
    star.style.animationDuration = 6 +
duration + "s";
    star.style.animationDelay = duration +
"s";
```

```
    scene.append(star);
    i++;
  }
}
stars();
```

```
function getLocation() {
  let lng, lat;
```

```
navigator.geolocation.getCurrentPosition((posi
tion) => {
    lng = position.coords.longitude;
    lat = position.coords.latitude;
  });
  var popup = $("#popup-wrapper");
[redacted]
  if (lat == null && window.localStorage.lat
== null) {
    // alert("GPS not activated!");
    let error = $("#err");
    error.html("Please enable the GPS.");
    popup.addClass("show");
  } else {
    popup.removeClass("show");
  }
}
[redacted]
getLocation();
[redacted]
$(document).ready(function () {
  let nav = $("#nav");
  let main = $("#main");
  let toggler = $(".toggler");
```

```
  $(toggler).click(function (e) {
    e.preventDefault();
    $(main).toggleClass("active");
    $(this).toggleClass("fa-times");
  });
```

```
  $(theme).click(function () {
    // document.body.classList.toggle("dark-
theme");
    if
(document.body.classList.contains("dark-
theme")) {
      theme.html("Dark Mode");
      document.body.classList.add("light-
theme");
      document.body.classList.remove("dark-
theme");
      window.localStorage.theme = "light";
    } else {
      theme.html("Light Mode");
      document.body.classList.add("dark-
theme");
      document.body.classList.remove("light-
theme");
```

```
      window.localStorage.theme = "dark";
    }
  });
});
```

```
let Time = $("#time");
```

```
let date = new Date();
let weekdays = ["Sun", "Mon", "Tue", "Wed",
"Thu", "Fri", "Sat"];
let day = weekdays[date.getDay()];
function setTime() {
  let date = new Date();
  let Hours = date.getHours();
  Hours == 0 ? (Hours = "12") : Hours;
  let Minutes = date.getMinutes();
  let Seconds = date.getSeconds();
  Seconds < 10 ? (Seconds = "0" + Seconds) :
Seconds;
  Minutes < 10 ? (Minutes = "0" + Minutes) :
Minutes;
  Hours > 12 ? (Hours -= 12) : Hours;
  Hours < 10 ? (Hours = "0" + Hours) : Hours;
```

```
  // console.log(Hours + ":" + Minutes);
```

```
  Time.html(Hours + ":" + Minutes + ":" +
Seconds + "<sub>am</sub>");
}
setTime();
setInterval(setTime, 1000);
```

```
let button = $(".button");
let inputValue = $(".inputValue");
let cnt = 7;
let apiID =
"b5f558462160da78810acd0bb997a9fd";//use own
apiID
let Dt = $("#date");
let Day = $("#day");
let Icon = $("#sicon img");
let Summary = $("#summary");
let maxMin = $("#max-min");
let city = $("#name");
let country = $("#country");
let marker = $("#marker");
marker.hide();
button.click(function (e) {
  e.preventDefault();
  txt.show();
  loader.show();
```

```
  fetch(

`https://api.openweathermap.org/data/2.5/forecast?q=${inputValue.val()}&exclude=hourly&appid=${apiID}`
  )
    .then((response) => response.json())
    .then((data) => {
      console.log(data);
      txt.hide();
      loader.hide();
      inputValue.val("");
      // for (let i = 0; i < data.list.length; i++) {
      //   let timestamp = data.list[i].dt;
      //
console.log(timeConverter(timestamp));
      // }
      marker.show();
      let Name = data.city.name;
      if (Name) $("tbody").empty();
      let con = data.city.country;
      country.html(con);
      city.html(Name);
      var month = new Array(12);
```

```
        month[0] = "Jan";
        month[1] = "Feb";
        month[2] = "Mar";
        month[3] = "Apr";
        month[4] = "May";
        month[5] = "Jun";
        month[6] = "Jul";
        month[7] = "Aug";
        month[8] = "Sep";
        month[9] = "Oct";
        month[10] = "Nov";
        month[11] = "Dec";
        for (let i = 0; i < data.list.length;
i++) {
          let date = data.list[i].dt_txt;
          let dt = date.split(" ", 1);
          let today = dt[0].split("-
").reverse().join("-");
          let day = parseInt(today.substr(0,
2));
```

```
          let index = parseInt(today.substr(3,
2));
          let mon = month[index - 1];
```

```
        let desc =
data.list[i].weather[0].main;
        let icon =
data.list[i].weather[0].icon;
        let max =
Math.ceil(data.list[i].main.temp_max -
273.15);
        let min =
Math.floor(data.list[i].main.temp_min -
273.15);
```

```
        let x = $(`.date:last`).html();
        let y = `${mon} ${day}`;
        if (x != y) {
          $("tbody").append(`
            <tr align="center">
              <th scope="row"
class="date">${mon} ${day}</th>

              <td><img src="icons/${icon}.png"
alt="icon" /></td>
              <td>${desc}</td>
              <td>${max}<sub>°C</sub> /
${min}<sub>°C</sub></td>
            </tr>
```

```
            `);
          }
        }
      })
      .catch((err) => {
        let error = $("#err");
        error.html("No match found.");
        $("#popup-wrapper").addClass("show");
      });
});
```

```
$(document).ready(function () {
  let long;
  let lat;
  if (navigator.geolocation) {
    var storedValues =
window.localStorage.long;
    if (!storedValues) {

navigator.geolocation.getCurrentPosition((posi
tion) => {
        long = position.coords.longitude;
        lat = position.coords.latitude;
        window.localStorage.lat = lat;
        window.localStorage.long = long;
```

```
        fetch(
`https://api.openweathermap.org/data/2.5/forecast?lat=${lat}&lon=${long}&appid=b5f558462160da78810acd0bb997a9fd`
        )
          .then((response) => response.json())
          .then((data) => {
            marker.show();
            console.log(data);
            inputValue.val("");
            txt.hide();
            loader.hide();
            var month = new Array(12);
            month[0] = "Jan";
            month[1] = "Feb";
            month[2] = "Mar";
            month[3] = "Apr";
            month[4] = "May";
            month[5] = "Jun";
            month[6] = "Jul";
            month[7] = "Aug";
            month[8] = "Sep";
```

```
                month[9] = "Oct";
                month[10] = "Nov";
                month[11] = "Dec";
                let Name = data.city.name;
                let con = data.city.country;
                country.html(con);
                city.html(Name);
                for (let i = 0; i <
data.list.length; i++) {
                    let date = data.list[i].dt_txt;
                    let dt = date.split(" ", 1);
                    let today = dt[0].split("-
").reverse().join("-");
                    let day =
parseInt(today.substr(0, 2));
                    let index =
parseInt(today.substr(3, 2));
                    let mon = month[index - 1];
                    let desc =
data.list[i].weather[0].main;
                    let icon =
data.list[i].weather[0].icon;
```

```
                let max =
Math.ceil(data.list[i].main.temp_max -
273.15);
                let min =
Math.floor(data.list[i].main.temp_min -
273.15);
                // $("#forecast").append(`
                // <div class="forecast">
                //   <div class="container">
                //     <span id="date">${mon}
${day}</span>
                //     <span
id="day">Today</span>
                //     <span id="sicon"><img
src="icons/${icon}.png" alt="icon" /></span>
                //     <span
id="summary">${desc}</span>
                //     <span id="max-
min">${max}<sub>°C</sub> /
${min}<sub>°C</sub></span>
                //   </div>
                // </div>`);
```

```
                let x = $(`.date:last`).html();
                let y = `${mon} ${day}`;
```

```
                if (x != y) {
                  $("tbody").append(`
                  <tr align="center">
                    <th scope="row"
class="date">${mon} ${day}</th>

                    <td><img
src="icons/${icon}.png" alt="icon" /></td>
                    <td>${desc}</td>
                    <td>${max}<sub>°C</sub> /
${min}<sub>°C</sub></td>
                  </tr>
                  `);
                }
              }
            })
            .catch((err) => alert("An error
occured"));
        });
      } else {
        let long = window.localStorage.long;
        let lat = window.localStorage.lat;
        const api =
`https://api.openweathermap.org/data/2.5/forec
```

```
ast?lat=${lat}&lon=${long}&appid=b5f558462160d
a78810acd0bb997a9fd`;

      fetch(api)
        .then((response) => {
          return response.json();
        })
        .then((data) => {
          marker.show();
          console.log(data);
          txt.hide();
          loader.hide();
          let Name = data.city.name;
          let con = data.city.country;
          country.html(con);
          city.html(Name);
          var month = new Array(12);
          month[0] = "Jan";
          month[1] = "Feb";
          month[2] = "Mar";
          month[3] = "Apr";
          month[4] = "May";
          month[5] = "Jun";
          month[6] = "Jul";
          month[7] = "Aug";
```

```
            month[8] = "Sep";
            month[9] = "Oct";
            month[10] = "Nov";
            month[11] = "Dec";
            let z = 0;
            for (let i = 0; i <
data.list.length; i++) {
              let date = data.list[i].dt_txt;
              let dt = date.split(" ", 1);
              let today = dt[0].split("-
").reverse().join("-");
              let day = parseInt(today.substr(0,
2));
```

```
              let index =
parseInt(today.substr(3, 2));
              let mon = month[index - 1];
              let desc =
data.list[i].weather[0].main;
              let icon =
data.list[i].weather[0].icon;
              let max =
Math.ceil(data.list[i].main.temp_max -
273.15);
```

```
            let min =
Math.floor(data.list[i].main.temp_min -
273.15);
            // $("#forecast").append(`
            // <div class="forecast">
            //   <div class="container">
            //     <span id="date">${mon}
${day}</span>
            //     <span id="day">Today</span>
            //     <span id="sicon"><img
src="icons/${icon}.png" alt="icon" /></span>
            //     <span
id="summary">${desc}</span>
            //     <span id="max-
min">${max}<sub>°C</sub> /
${min}<sub>°C</sub></span>
            //   </div>
            // </div>`);
            let x = $(`.date:last`).html();
            let y = `${mon} ${day}`;
            if (x != y) {
              $("tbody").append(`
            <tr align="center">
              <th scope="row"
class="date">${mon} ${day}</th>
```

```
                <td><img src="icons/${icon}.png"
alt="icon" /></td>
                <td>${desc}</td>
                <td>${max}<sub>°C</sub> /
${min}<sub>°C</sub></td>
              </tr>
              `);
              }
            }
          });
      }
    } else {
      alert("Please allow access to your
location.");
    }
});
```