31. Program to illustrate simple Laravel web application

Welcome.php

```html
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title>Weather App</title>
    <link rel="stylesheet" href="style.css">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href='https://unpkg.com/boxicons@2.0.9/css/boxicons.min.css' rel='stylesheet'>
    <style>
        @import
url('https://fonts.googleapis.com/css2?family=Poppins:wght@400;500;600;700&display=swap')
;
*{
 margin: 0;
 padding: 0;
 box-sizing: border-box;
 font-family: 'Poppins', sans-serif;
}
body{
 display: flex;
 align-items: center;
 justify-content: center;
 min-height: 100vh;
 background: #43AFFC;
 background-image: url(rain-6243559.jpg);
 background-size: cover;
 background-attachment: fixed;
 background-blend-mode:darken;

}
::selection{
 color: #fff;
 /* background: #43AFFC; */
}
.centered {
 position: absolute;
 top: 5%;
 left: 50%;
 transform: translate(-50%, -50%);
```

```css
    color:white;
    font-size:xx-large;
    font-weight: bolder;
    padding: 10px; border: 2px rgb(0, 183, 255);
}

.wrapper{
    width: 400px;
    background: #fff;
    border-radius: 7px;
    box-shadow: 7px 7px 20px rgba(0, 0, 0, 0.05);
}
.wrapper header{
    display: flex;
    font-size: 21px;
    font-weight: 500;
    color: #43AFFC;
    padding: 16px 15px;
    align-items: center;
    border-bottom: 1px solid #ccc;
}
header i{
    font-size: 0em;
    cursor: pointer;
    margin-right: 8px;
}
.wrapper.active header i{
    margin-left: 5px;
    font-size: 30px;
}
.wrapper .input-part{
    margin: 20px 25px 30px;
}
.wrapper.active .input-part{
    display: none;
}
.input-part .info-txt{
    display: none;
    font-size: 17px;
    text-align: center;
    padding: 12px 10px;
    border-radius: 7px;
    margin-bottom: 15px;
}
```

```css
.input-part .info-txt.error{
  color: #721c24;
  display: block;
  background: #f8d7da;
  border: 1px solid #f5c6cb;
}
.input-part .info-txt.pending{
  color: #0c5460;
  display: block;
  background: #d1ecf1;
  border: 1px solid #bee5eb;
}
.input-part :where(input, button){
  width: 100%;
  height: 55px;
  border: none;
  outline: none;
  font-size: 18px;
  border-radius: 7px;
}
.input-part input{
  text-align: center;
  padding: 0 15px;
  border: 1px solid #ccc;
}
.input-part input:is(:focus, :valid){
  border: 2px solid #43AFFC;
}
.input-part input::placeholder{
  color: #bfbfbf;
}
.input-part .separator{
  height: 1px;
  width: 100%;
  margin: 25px 0;
  background: #ccc;
  position: relative;
  display: flex;
  align-items: center;
  justify-content: center;
}
.separator::before{
  content: "or";
  color: #b3b3b3;
```

```css
    font-size: 19px;
    padding: 0 15px;
    background: #fff;
}
.input-part button{
    color: #fff;
    cursor: pointer;
    background: #43AFFC;
    transition: 0.3s ease;
}
.input-part button:hover{
    background: #1d9ffc;
}
.wrapper .weather-part{
    display: none;
    margin: 30px 0 0;
    align-items: center;
    justify-content: center;
    flex-direction: column;
}
.wrapper.active .weather-part{
    display: flex;
}

.weather-part img{
    background-image: url("icon.png");
}
.weather-part .temp{
    display: flex;
    font-weight: 500;
    font-size: 72px;
}
.weather-part .temp .numb{
    font-weight: 600;
}
.weather-part .temp .deg{
    font-size: 40px;
    display: block;
    margin: 10px 5px 0 0;
}
.weather-part .weather{
    font-size: 21px;
    text-align: center;
    margin: -5px 20px 15px;
```

```css
}
.weather-part .location{
 display: flex;
 font-size: 19px;
 padding: 0 20px;
 text-align: center;
 margin-bottom: 30px;
 align-items: flex-start;
}
.location i{
 font-size: 22px;
 margin: 4px 5px 0 0;
}
.weather-part .bottom-details{
 display: flex;
 width: 100%;
 justify-content: space-between;
 border-top: 1px solid #ccc;
}
.bottom-details .column{
 display: flex;
 width: 100%;
 padding: 15px 0;
 align-items: center;
 justify-content: center;
}
.column i{
 color: #5DBBFF;
 font-size: 40px;
}
.column.humidity{
 border-left: 1px solid #ccc;
}
.column .details{
 margin-left: 3px;
}
.details .temp, .humidity span{
 font-size: 18px;
 font-weight: 500;
 margin-top: -3px;
}
.details .temp .deg{
 margin: 0;
 font-size: 17px;
```

```css
   padding: 0 2px 0 1px;
}
.column .details p{
 font-size: 14px;
 margin-top: -6px;
}
.humidity i{
 font-size: 37px;
}
    </style>
 </head>
 <body>
 <script>
```

```javascript
    const wrapper = document.querySelector(".wrapper"),
inputPart = document.querySelector(".input-part"),
infoTxt = inputPart.querySelector(".info-txt"),
inputField = inputPart.querySelector("input"),
locationBtn = inputPart.querySelector("button"),
weatherPart = wrapper.querySelector(".weather-part"),
wIcon = weatherPart.querySelector("img"),
arrowBack = wrapper.querySelector("header i");
let api;
inputField.addEventListener("keyup", e =>{
   if(e.key == "Enter" && inputField.value != ""){
      requestApi(inputField.value);
   }
});
locationBtn.addEventListener("click", () =>{
   if(navigator.geolocation){
      navigator.geolocation.getCurrentPosition(onSuccess, onError);
   }else{
      alert("Your browser not support geolocation api");
   }
});
function requestApi(city){
   api =
`https://api.openweathermap.org/data/2.5/weather?q=${city}&units=metric&appid=31741cdd
3334aada7c56596931b126ba`;
   fetchData();
}
function onSuccess(position){
   const {latitude, longitude} = position.coords;
```

```javascript
    api =
`https://api.openweathermap.org/data/2.5/weather?lat=${latitude}&lon=${longitude}&units=
metric&appid=31741cdd3334aada7c56596931b126ba`;
    fetchData();
}
function onError(error){
    infoTxt.innerText = error.message;
    infoTxt.classList.add("error");
}
function fetchData(){
    infoTxt.innerText = "Getting weather details...";
    infoTxt.classList.add("pending");
    fetch(api).then(res => res.json()).then(result => weatherDetails(result)).catch(() =>{
        infoTxt.innerText = "Something went wrong";
        infoTxt.classList.replace("pending", "error");
    });
}
function weatherDetails(info){
    if(info.cod == "404"){
        infoTxt.classList.replace("pending", "error");
        infoTxt.innerText = `${inputField.value} isn't a valid city name`;
    }else{
        const city = info.name;
        const country = info.sys.country;
        const {description, id} = info.weather[0];
        const {temp, feels_like, humidity} = info.main;
        if(id == 800){
            wIcon.src = "icons/clear.svg";
        }else if(id >= 200 && id <= 232){
            wIcon.src = "icons/storm.svg";
        }else if(id >= 600 && id <= 622){
            wIcon.src = "icons/snow.svg";
        }else if(id >= 701 && id <= 781){
            wIcon.src = "icon.jpg";
        }else if(id >= 801 && id <= 804){
            wIcon.src = "icon.jpg";
        }else if((id >= 500 && id <= 531) || (id >= 300 && id <= 321)){
            wIcon.src = "icons/rain.svg";
        }

        weatherPart.querySelector(".temp .numb").innerText = Math.floor(temp);
        weatherPart.querySelector(".weather").innerText = description;
        weatherPart.querySelector(".location span").innerText = `${city}, ${country}`;
        weatherPart.querySelector(".temp .numb-2").innerText = Math.floor(feels_like);
```

```
              weatherPart.querySelector(".humidity span").innerText = `${humidity}%`;
              infoTxt.classList.remove("pending", "error");
              infoTxt.innerText = "";
              inputField.value = "";
              wrapper.classList.add("active");
         }
    }
    arrowBack.addEventListener("click", ()=>{
         wrapper.classList.remove("active");
    });
         </script>
      <div class="overlay"><div class="centered">Weather Updates</div></div>
      <div class="wrapper">
       <header><i class='bx bx-left-arrow-alt'></i>Weather App</header>
        <section class="input-part">
         <p class="info-txt"></p>
         <div class="content">
          <input type="text" spellcheck="false" placeholder="Enter city name" required>
          <div class="separator"></div>
          <button>Get Device Location</button>
         </div>
        </section>
        <section class="weather-part">
         <img src="icon.jpeg" alt="Weather Icon" width="80" height="75">
         <div class="temp">
          <span class="numb">_</span>
          <span class="deg">°</span></div>
         <div class="weather">_ _</div>
         <div class="location">
          <i class='bx bx-map'></i>
          <span>_, _</span>
         </div>
         <div class="bottom-details">
          <div class="column feels">
           <i class='bx bxs-thermometer'></i>
           <div class="details">
            <div class="temp">
             <span class="numb-2">_</span>
             <span class="deg">°</span>C
            </div>
            <p>Feels like</p>
           </div>
          </div>
          <div class="column humidity">
```

```
            <i class='bx bxs-droplet-half'></i>
            <div class="details">
             <span>_</span>
             <p>Humidity</p>
            </div>
          </div>
        </div>
      </section>
    </div>
  </body>
</html>
```

Output: