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<!DOCTYPE html>
<html lang="en">
  <head>
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Weather App</title>

    <!-- Stylesheet -->
    <link rel="icon" href="https://cdn-icons-
png.flaticon.com/128/9393/9393425.png" type="png">
    <link rel="stylesheet" href="style.css" />
  </head>
  <body>

    <div class="wrapper">
      <div class="container">
        <div class="search-container">
          <input
            type="text"
            placeholder="please enter a location"
            id="city"
            value="visakhapatnam"
          />
          <button id="search-btn">search</button>
        </div>
        <div id="result"></div>
        <div id="location-details">
          <button id="get-location"></button>
        </div>
      </div>
    </div>
    <!-- Script -->
    <script src="script1.js"></script>
    <script src="script.js"></script>
    <script>
      function autocomplete(inp, arr) {
        /*the autocomplete function takes two arguments,
        the text field element and an array of possible autocompleted
        values:*/
        var currentFocus;
        /*execute a function when someone writes in the text field:*/
        inp.addEventListener("input", function(e) {
          var a, b, i, val = this.value;
          /*close any already open lists of autocompleted values*/
          closeAllLists();
          if (!val) { return false;}
          currentFocus = -1;

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        /*create a DIV element that will contain the items (values):*/
        a = document.createElement("DIV");
        a.setAttribute("id", this.id + "autocomplete-list");
        a.setAttribute("class", "autocomplete-items");
        /*append the DIV element as a child of the autocomplete
container:*/
        this.parentNode.appendChild(a);
        /*for each item in the array...*/
        for (i = 0; i < arr.length; i++) {
            /*check if the item starts with the same letters as the text
field value:*/
            if (arr[i].substr(0, val.length).toUpperCase() ==
val.toUpperCase()) {
                /*create a DIV element for each matching element:*/
                b = document.createElement("DIV");
                /*make the matching letters bold:*/
                b.innerHTML = "<strong>" + arr[i].substr(0, val.length) +
"</strong>";
                b.innerHTML += arr[i].substr(val.length);
                /*insert a input field that will hold the current array item's
value:*/
                b.innerHTML += "<input type='hidden' value='" + arr[i] + "'>";
                /*execute a function when someone clicks on the item value
(DIV element):*/
                b.addEventListener("click", function(e) {
                    /*insert the value for the autocomplete text field:*/
                    inp.value = this.getElementsByTagName("input")[0].value;
                    /*close the list of autocompleted values,
(or any other open lists of autocompleted values:*/
                    closeAllLists();
                });
                a.appendChild(b);
            }
        }
    });
    /*execute a function presses a key on the keyboard:*/
    inp.addEventListener("keydown", function(e) {
        var x = document.getElementById(this.id + "autocomplete-list");
        if (x) x = x.getElementsByTagName("div");
        if (e.keyCode == 40) {
            /*If the arrow DOWN key is pressed,
increase the currentFocus variable:*/
            currentFocus++;
            /*and and make the current item more visible:*/
            addActive(x);
        } else if (e.keyCode == 38) { //up
            /*If the arrow UP key is pressed,
decrease the currentFocus variable:*/

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        currentFocus--;
        /*and and make the current item more visible:*/
        addActive(x);
    } else if (e.keyCode == 13) {
        /*If the ENTER key is pressed, prevent the form from being
submitted,*/
        e.preventDefault();
        if (currentFocus > -1) {
            /*and simulate a click on the "active" item:*/
            if (x) x[currentFocus].click();
        }
    }
});
function addActive(x) {
    /*a function to classify an item as "active":*/
    if (!x) return false;
    /*start by removing the "active" class on all items:*/
    removeActive(x);
    if (currentFocus >= x.length) currentFocus = 0;
    if (currentFocus < 0) currentFocus = (x.length - 1);
    /*add class "autocomplete-active":*/
    x[currentFocus].classList.add("autocomplete-active");
}
function removeActive(x) {
    /*a function to remove the "active" class from all autocomplete
items:*/
    for (var i = 0; i < x.length; i++) {
        x[i].classList.remove("autocomplete-active");
    }
}
function closeAllLists(elmnt) {
    /*close all autocomplete lists in the document,
except the one passed as an argument:*/
    var x = document.getElementsByClassName("autocomplete-items");
    for (var i = 0; i < x.length; i++) {
        if (elmnt != x[i] && elmnt != inp) {
            x[i].parentNode.removeChild(x[i]);
        }
    }
}
/*execute a function when someone clicks in the document:*/
document.addEventListener("click", function (e) {
    closeAllLists(e.target);
});
}

/*An array containing all the country names in the world:*/

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var countries =  
["adoni","Amaravati","Anantapur","Chandragiri","Chittoor","Dowlaiswaram","Eluru","Guntur","Kadapa","Kakinada","Kurnool","Machilipatnam","Nagarjunakonda","Rajahmundry","Srikakulam","Tirupati","Vijayawada","Visakhapatnam","Vizianagaram","Yemmiganur","Arunachal Pradesh","Itanagar","Assam","Dhuburi","Dibrugarh","Dispur","Guwahati","Jorhat","Nagaon","Sivasagar","silchar","Tezpur","Tinsukia","Bihar","Ara","Barauni","Begusarai","Bettiah","Bhagalpur","Bihar Sharif","Bodh Gaya","Buxar","Chapra","Darbhanga","Dehri","Dinapur Nizamat","Gaya","Hajipur","Jamalpur","Katihar","Madhubani","Motihari","Munger","Muzaffarpur","Patna","Purnia","Pusa","Saharsa","Samastipur","Sasaram","Sita","marhi","Siwan","Chandigarh (union territory)","Chandigarh","Chhattisgarh","Ambikapur","Bhilai","Bilaspur","Dhamtari","Durg","Jagdalpur","Raipur","Rajnandgaon","Dadra","Daman","Diu","Silvassa","New Delhi","Goa","Madgaon","Panaji","Gujarat","Ahmadabad","Amreli","Bharuch","Bhavnagar","Bhuj","Dwarka","Gandhinagar","Godhra","Jamnagar","Junagadh","Kandla","Khambhat","Kheda","Mahesana","Morbi","Nadiad","Navsari","Okha","Palanpur","Patnan","Porbandar","Rajkot","Surat","Surendranagar","Valsad","Veraval","Haryana","Ambala","Bhiwani","Chandigarh","Faridabad","Firozpur Jhirka","Gurugram","Hansi","Hisar","Jind","Kaithal","Karnal","Kurukshetra","Panipat","Pehowa","Rewari","Rohtak","Sirsa","Sonapat","Himachal Pradesh","Bilaspur","Chamba","Dalhousie","Dharmshala","Hamirpur","Kangra","Kullu","Mandi","Nahan","Shimla","Una","Anantnag","Baramulla","Doda","Gulmarg","Jammu","Kathua","Punch","Rajouri","Srinagar","Udhampur","Jharkhand","Bokaro","Chaibasa","Deoghar","Dhanbad","Dumka","Giridih","Hazaribag","Jamshedpur","Jharia","Rajmahal","Ranchi","Saraikela","Karnataka","Badami","Ballari","Bengaluru","Belagavi","Bhadravati","Bidar","Chikkamagaluru","Chitradurga","Davangere","Halebid","Hassan","Hubballi-Dharwad","Kalaburagi","Kolar","Madikeri","Mandya","Mangaluru","Mysuru","Raichur","Shivamogga","Shravanabelagola","Shrirangapattana","Tumakuru","Vijayapura","Kerala","Alappuzha","Vatakara","Idukki","Kannur","Kochi","Kollam","Kottayam","Kozhikode","Mattancheri","Palakkad","Thalassery","Thiruvananthapuram","Thrissur","Ladakh","Kargil","Leh","Madhya Pradesh","Balaghat","Barwani","Betul","Bharhut","Bhind","Bhojpur","Bhopal","Burrhanpur","Chhatarpur","Chhindwara","Damoh","Datia","Dewas","Dhar","Dr. Ambedkar Nagar","Guna","Gwalior","Hoshangabad","Indore","Itarsi","Jabalpur","Jhabua","Kahajuraho","Khandwa","Khargone","Maheshwar","Mandla","Mandsaur","Morena","Murwara","Narsimhapur","Narsingharh","Narwar","Neemuch","Nowgong","Orchha","Panna","Raisen","Rajgarh","Ratlam","Rewa","Sagar","Sarangpur","Satna","Sehore","Seoni","Shahdol","Shajapur","Sheopur","Shivpuri","Ujjain","Vidisha","Maharashtra","Ahmadnagar","Akola","Amravati","Aurangabad","Bhandara","Bhusawal","Bid","Buldhana","Chandrapur","Daulatabad","Dhule","Jalgaon","Kalyan","Karli","Kolhapur","Mahabaleshwar","Malegaon","Matheran","Mumbai","Nagpur","Nanded","Nashik","Osmanabad","Pandharpur","Parbhani","Pune","Ratnagiri","Sangli","Satara","Sevagram","Solapur","Thane","Ulhasnagar","Vasai-Virar","Wardha","Yavatmal","Manipur","Imphal","Meghalaya","Cherrapunji","Shill
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ong", "Mizoram", "Aizawl", "Lunglei", "Nagaland", "Kohima", "Mon", "Phek", "Wokha", "Zunheboto", "Odisha", "Balangir", "Baleshwar", "Baripada", "Bhubaneswar", "Brahmapur", "Cuttack", "Dhenkanal", "Kendujhar", "Konark", "Koraput", "Paradip", "Phulabani", "Puri", "Sambalpur", "Udayagiri", "Puducherry", "Karaikal", "Mahe", "Puducherry", "Yanam", "Punjab", "Amritsar", "Batala", "Chandigarh", "Faridkot", "Firozpur", "Gurdaspur", "Hoshiarpur", "Jalandhar", "Kapurthala", "Ludhiana", "Nabha", "Patiala", "Rupnagar", "Sangrur", "Rajasthan", "Abu", "Ajmer", "Alwar", "Amer", "Barmer", "Beawar", "Bharatpur", "Bhilwara", "Bikaner", "Bundi", "Chittaurgarh", "Churu", "Dhaulpur", "Dungarpur", "Ganganagar", "Hanumangarh", "Jaipur", "Jaisalmer", "Jalor", "Jhalawar", "Jhunjhunu", "Jodhpur", "Kishangarh", "Kota", "Merta", "Nagaur", "Nathdwara", "Pali", "Phalodi", "Pushkar", "Sawai
Madhopur", "Shahpura", "Sikar", "Sirohi", "Tonk", "Udaipur", "Sikkim", "Gangtok", "Gyalshing", "Lachung", "Mangan", "Tamil
Nadu", "Arcot", "Chengalpattu", "Chennai", "Chidambaram", "Coimbatore", "Cuddalore", "Dharmapuri", "Dindigul", "Erode", "Kanchipuram", "Kanniyakumari", "Kodaikanal", "Kumbakonam", "Madurai", "Mamallapuram", "Nagappattinam", "Nagercoil", "Palayamkottai", "Pudukkottai", "Rajapalayam", "Ramanathapuram", "Salem", "Thanjavur", "Tiruchchirappalli", "Tirunelveli", "Tiruppur", "Thoothukudi", "Udhagamandalam", "Vellore", "Telangana", "Hyderabad", "Karimnagar", "Khammam", "Mahbubnagar", "Nizamabad", "Sangareddy", "Warangal", "Tripura", "Agartala", "Uttar
Pradesh", "Agra", "Aligarh", "Amroha", "Ayodhya", "Azamgarh", "Bahraich", "Ballia", "Banda", "Bara
Banki", "Bareilly", "Basti", "Bijnor", "Bithur", "Budaun", "Bulandshahr", "Deoria", "Etah", "Etawah", "Faizabad", "Farrukhabad-cum-Fatehgarh", "Fatehpur", "Fatehpur
Sikri", "Ghaziabad", "Ghazipur", "Gonda", "Gorakhpur", "Hamirpur", "Hardoi", "Hathras", "Jalaun", "Jaunpur", "Jhansi", "Kannauj", "Kanpur", "Lakhimpur", "Lalitpur", "Lucknow", "Mainpuri", "Mathura", "Meerut", "Mirzapur-
Vindhyachal", "Moradabad", "Muzaffarnagar", "Partapgarh", "Pilibhit", "Prayagraj", "Rae
Bareilly", "Rampur", "Saharanpur", "Sambhal", "Shahjahanpur", "Sitapur", "Sultanpur", "Tehri", "Varanasi", "Uttarakhand", "Almora", "Dehra
Dun", "Haridwar", "Mussoorie", "Nainital", "Pithoragarh", "West
Bengal", "Alipore", "Alipur
Duar", "Asansol", "Baharampur", "Bally", "Balurghat", "Bankura", "Baranagar", "Barasat", "Barrackpore", "Basirhat", "Bhatpara", "Bishnupur", "Budge
Budge", "Burdwan", "Chandernagore", "Darjeeling", "Diamond Harbour", "Dum
Dum", "Durgapur", "Halisahar", "Haora", "Hugli", "Ingraj
Bazar", "Jalpaiguri", "Kalimpong", "Kamarhati", "Kanchrapara", "Kharagpur", "Cooch
Behar", "Kolkata", "Krishnanagar", "Malda", "Midnapore", "Murshidabad", "Nabadwip", "Palashi", "Panihati", "Purulia", "Raiganj", "Santipur", "Shantiniketan", "Shrirampur", "Siliguri", "Siuri", "Titagarh", "Tamluk", "Afghanistan", "Albania", "Algeria", "Andorra", "Angola", "Anguilla", "Antigua &
Barbuda", "Argentina", "Armenia", "Aruba", "Australia", "Austria", "Azerbaijan", "Bahamas", "Bahrain", "Bangladesh", "Barbados", "Belarus", "Belgium", "Belize", "Benin", "Bermuda", "Bhutan", "Bolivia", "Bosnia &
Herzegovina", "Botswana", "Brazil", "British Virgin
Islands", "Brunei", "Bulgaria", "Burkina
Faso", "Burundi", "Cambodia", "Cameroon", "Canada", "Cape Verde", "Cayman

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Islands","Central African
Republic","Chad","Chile","China","Colombia","Congo","Cook Islands","Costa
Rica","Cote D Ivoire","Croatia","Cuba","Curacao","Cyprus","Czech
Republic","Denmark","Djibouti","Dominica","Dominican
Republic","Ecuador","Egypt","El Salvador","Equatorial
Guinea","Eritrea","Estonia","Ethiopia","Falkland Islands","Faroe
Islands","Fiji","Finland","France","French Polynesia","French West
Indies","Gabon","Gambia","Georgia","Germany","Ghana","Gibraltar","Greece","Gre
enland","Grenada","Guam","Guatemala","Guernsey","Guinea","Guinea
Bissau","Guyana","Haiti","Honduras","Hong
Kong","Hungary","Iceland","India","Indonesia","Iran","Iraq","Ireland","Isle of
Man","Israel","Italy","Jamaica","Japan","Jersey","Jordan","Kazakhstan","Kenya"
,"Kiribati","Kosovo","Kuwait","Kyrgyzstan","Laos","Latvia","Lebanon","Lesotho"
,"Liberia","Libya","Liechtenstein","Lithuania","Luxembourg","Macau","Macedonia
","Madagascar","Malawi","Malaysia","Maldives","Mali","Malta","Marshall
Islands","Mauritania","Mauritius","Mexico","Micronesia","Moldova","Monaco","Mo
ngolia","Montenegro","Montserrat","Morocco","Mozambique","Myanmar","Namibia","
Nauro","Nepal","Netherlands","Netherlands Antilles","New Caledonia","New
Zealand","Nicaragua","Niger","Nigeria","North
Korea","Norway","Oman","Pakistan","Palau","Palestine","Panama","Papua New
Guinea","Paraguay","Peru","Philippines","Poland","Portugal","Puerto
Rico","Qatar","Reunion","Romania","Russia","Rwanda","Saint Pierre &
Miquelon","Samoa","San Marino","Sao Tome and Principe","Saudi
Arabia","Senegal","Serbia","Seychelles","Sierra
Leone","Singapore","Slovakia","Slovenia","Solomon Islands","Somalia","South
Africa","South Korea","South Sudan","Spain","Sri Lanka","St Kitts & Nevis","St
Lucia","StVincent","Sudan","Suriname","Swaziland","Sweden","Switzerland","Syri
a","Taiwan","Tajikistan","Tanzania","Thailand","Timor
L'Este","Togo","Tonga","Trinidad &
Tobago","Tunisia","Turkey","Turkmenistan","Turks &
Caicos","Tuvalu","Uganda","Ukraine","United Arab Emirates","United
Kingdom","United States of America","Uruguay","Uzbekistan","Vanuatu","Vatican
City","Venezuela","Vietnam","Virgin Islands
(US)","Yemen","delhi","Zambia","Zimbabwe"]];

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    /*initiate the autocomplete function on the "myInput" element, and pass
along the countries array as possible autocomplete values:*/
    autocomplete(document.getElementById("city"), countries);
</script>
</body>
</html>

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