Instructions:

1. Create a HTML Page
2. Create a Input text box for city and attached it with back end code
3. Build Back End code in PhP that should fetch twitter trends written in “R Script”
4. Join back end language, R Script and Front End HTML Page to build a web app. The app should generate latest Twitter Trends on triggering.

Check this for reference: <https://trends24.in/algeria/>

R Script Code:

|  |
| --- |
|  |
|  | install.packages("rtweet")  library(rtweet) |
|  | key='lchjmA5XFkvcvXkiWr8aiNx0z' |
|  | secret='AJtSwfqjeLYDdlZG3g1d9qjiYh9Tz9fxTZVyMxZxDnMQdTDq11' |
|  | access\_token='2892292632-WiAT271zbCfAEKv4lys1kFvcCXFcH25EbH1LjsP' |
|  | access\_secret='bBGasbirbvD8nqhHExKK3sEdPZnTUF9bGKB9FKTOnPTKA' |
|  | twitter\_token <- create\_token(consumer\_key = key,consumer\_secret = secret,access\_token = access\_token,access\_secret = access\_secret) |
|  | identical(twitter\_token, get\_token())  trends<-get\_trends('Chicago') |
|  |  |

**Due Time:** 26th May, **Sunday 12 pm** (noon)

**Caution:** Website Runs on PhP

**Hints:** Run PhP (Shell\_Exec()) using above R code , Angular, Node, AJAX, JSON,

Or any other way you would like

**Help:**

<https://www.codeproject.com/Articles/1119237/Pass-Arguments-and-Execute-R-script-from-PHP-Forms>

<https://www.r-bloggers.com/integrating-php-and-r/>

Deliverables:

1. A Live HTML Page and Code - 25 Points
2. Back end PhP Code Snippet Below in the same Doc - 25 Points
3. Work Flow Chart - 10 points
4. Extra inputs - 10 Points
5. Design, Aesthetic and profession look of page - 15 points

Use this page to deliver your result not later than 11.59 AM, Sunday.

Main Code (Filename: null\_int.php):

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<meta http-equiv="X-UA-Compatible" content="ie=edge">

<title>trends</title>

<style>

body {

font: 16px Arial;

}

/\*the container must be positioned relative:\*/

.autocomplete {

position: relative;

display: inline-block;

}

input {

border: 1px solid transparent;

background-color: #f1f1f1;

padding: 10px;

font-size: 16px;

}

input[type=text] {

background-color: #f1f1f1;

width: 100%;

}

input[type=submit] {

background-color: DodgerBlue;

color: #fff;

cursor: pointer;

}

.autocomplete-items {

border: 1px solid #d4d4d4;

border-bottom: none;

border-top: none;

z-index: 99;

/\*position the autocomplete items to be the same width as the container:\*/

top: 100%;

left: 0;

right: 0;

width:320px;

}

.autocomplete-items div {

padding: 10px;

cursor: pointer;

background-color: #fff;

border-bottom: 1px solid #d4d4d4;

}

/\*when hovering an item:\*/

.autocomplete-items div:hover {

background-color: #e9e9e9;

}

/\*when navigating through the items using the arrow keys:\*/

.autocomplete-active {

background-color: DodgerBlue !important;

color: #ffffff;

}

.trend-card{

margin: 30px 0 0 0;

background-color: #FFFFFF;

color: #212121;

box-shadow: 0 2px 2px 0 rgba(0,0,0,0.14), 0 3px 1px -2px rgba(0,0,0,0.2), 0 1px 5px 0 rgba(0,0,0,0.12);

}

.trend-card\_\_time{

text-align: center;

font-weight: 400;

padding: 12px;

margin: 0;

border-bottom: 1px solid #ddd;

font-size: 1em;

}

.trend-card\_\_list{

list-style-type: none;

padding: 0;

margin: 0;

font-size: 0.9em;

counter-reset: tcl;

}

.hilight{

padding: 6px;

border-bottom: 1px solid #dedede;

overflow: hidden;

text-overflow: ellipsis;

white-space: nowrap;

-webkit-transition: background-color 0.4s;

-moz-transition: background-color 0.4s;

-ms-transition: background-color 0.4s;

-o-transition: background-color 0.4s;

transition: background-color 0.4s;

}

.trend-card a{

color: #212121;

}

.tweet-count{

font-size: 0.8em;

opacity: 0.7;

padding-left: 2.5em;

display: inline-block;

}

.trend-card\_\_list li:before {

counter-increment: tcl;

content: counter(tcl);

margin-right: 1em;

font-size: 0.8em;

text-align: right;

width: 1.6em;

display: inline-block;

font-weight: 200;

}

.trends{

color:dodgerblue!important;

font-size: 20px;

font-weight: 700;

padding: 10px;

}

.trends a{

text-decoration: none;

color: inherit;

}

</style>

</head>

<body>

<div class="trends" style="">

<a href="#">trends</a>

</div>

<form action="null\_int.php" method="post">

<input type="text" name="country" autocomplete="off" id="myInput" style="width:300px;"><input type="Submit" name="Submit">

</form>

<?php

for($i = 0;$i < 24; $i++)

{

if(isset($arr[$i]))

{

echo $arr[$i];

}

}

?>

</body>

<?php

$arr = Array();

$count = 0;

if(isset($\_POST['country']))

{

$name = $\_POST['country'];

// echo $city;

$stradd = '"C:\Program Files\Microsoft\R Open\R-3.5.3\bin\x64\Rscript.exe"';

$str = $stradd." trends.r ".$name;

$output=exec($str);

}

$stradd = '"C:\Program Files\Microsoft\R Open\R-3.5.3\bin\x64\Rscript.exe"';

$str = $stradd." testjson.R";

$output=exec($str);

$outputarr = json\_decode($output, TRUE);

// print\_r($outputarr[0]["place"]);

$ele = "";

$now = time();

$style = '"width: 320px;"';

$class\_div1 = '"page-content\_\_trend-list"';

$id\_div1 = '"trend-list"';

$class\_div2 = '"trend-card"';

$h5 = '"trend-card\_\_time"';

$class\_ol = "trend-card\_\_list";

$class\_li = "hilight";

$class\_span = "tweet-count";

$target = '"blank"';

$id = $count;

$ele .= "<div id=".$id\_div1." class=".$class\_div1." style=".$style."><div class=".$class\_div2."><h5 class=".$h5.">".$outputarr[0]["place"]."</h5><h5 class=".$h5.'id="head-'.$count.'" data-timestamp="'.$now.'"></h5>';

$ele .="<ol class=".$class\_ol.">";

for ($x = 0; $x < 10; $x++) {

$ele .= "<li title=".$outputarr[$x]["trend"]." class=" .$class\_li. "><a target=".$target." href=".$outputarr[$x]["url"].">".$outputarr[$x]["trend"]."</a><br><span class=".$class\_span.">";

if(isset($outputarr[$x]["tweet\_volume"]))

{

$ele .= (String)$outputarr[$x]["tweet\_volume"]." tweets";

}

$ele.="</span></li>";

}

$ele .= "</ol>";

$ele .= "</div>";

echo $ele;

for($i = 1;$i < 24;$i++){

if(isset($arr[$i]))

{

echo $arr[$i];

}

}

if(date('s:u', time())=='00:000000')

{

$count++;

$arr[1] = $ele;

for($x = 1;$x < 24;$x++)

{

$arr[$x+1] = $arr[$x];

}

$ele = "";

if($count == 24)

{

$count = 0;

}

}

?>

<script>

var countries = {

"Worldwide" : "1",

"Winnipeg" : "2972",

"Ottawa" : "3369",

"Quebec" : "3444",

"Montreal" : "3534",

"Toronto" : "4118",

"Edmonton" : "8676",

"Calgary" : "8775",

"Vancouver" : "9807",

"Birmingham" : "12723",

"Blackpool" : "12903",

"Bournemouth" : "13383",

"Brighton" : "13911",

"Bristol" : "13963",

"Cardiff" : "15127",

"Coventry" : "17044",

"Derby" : "18114",

"Edinburgh" : "19344",

"Glasgow" : "21125",

"Hull" : "25211",

"Leeds" : "26042",

"Leicester" : "26062",

"Liverpool" : "26734",

"Manchester" : "28218",

"Middlesbrough" : "28869",

"Newcastle" : "30079",

"Nottingham" : "30720",

"Plymouth" : "32185",

"Portsmouth" : "32452",

"Preston" : "32566",

"Sheffield" : "34503",

"Stoke-on-Trent" : "36240",

"Swansea" : "36758",

"London" : "44418",

"Belfast" : "44544",

"Santo Domingo" : "76456",

"Guatemala City" : "83123",

"Acapulco" : "110978",

"Aguascalientes" : "111579",

"Chihuahua" : "115958",

"Mexico City" : "116545",

"Ciudad Juarez" : "116556",

"Nezahualcóyotl" : "116564",

"Culiacán" : "117994",

"Ecatepec de Morelos" : "118466",

"Guadalajara" : "124162",

"Hermosillo" : "124785",

"León" : "131068",

"Mérida" : "133327",

"Mexicali" : "133475",

"Monterrey" : "134047",

"Morelia" : "134091",

"Naucalpan de Juárez" : "134395",

"Puebla" : "137612",

"Querétaro" : "138045",

"Saltillo" : "141272",

"San Luis Potosí" : "144265",

"Tijuana" : "149361",

"Toluca" : "149769",

"Zapopan" : "151582",

"Mendoza" : "332471",

"Santiago" : "349859",

"Concepcion" : "349860",

"Valparaiso" : "349861",

"Bogotá" : "368148",

"Cali" : "368149",

"Medellín" : "368150",

"Barranquilla" : "368151",

"Quito" : "375732",

"Guayaquil" : "375733",

"Caracas" : "395269",

"Maracaibo" : "395270",

"Maracay" : "395271",

"Valencia" : "395272",

"Barcelona" : "395273",

"Ciudad Guayana" : "395275",

"Turmero" : "395277",

"Lima" : "418440",

"Brasília" : "455819",

"Belém" : "455820",

"Belo Horizonte" : "455821",

"Curitiba" : "455822",

"Porto Alegre" : "455823",

"Recife" : "455824",

"Rio de Janeiro" : "455825",

"Salvador" : "455826",

"São Paulo" : "455827",

"Campinas" : "455828",

"Fortaleza" : "455830",

"Goiânia" : "455831",

"Manaus" : "455833",

"São Luís" : "455834",

"Guarulhos" : "455867",

"Córdoba" : "466861",

"Rosario" : "466862",

"Barquisimeto" : "468382",

"Maturín" : "468384",

"Buenos Aires" : "468739",

"Gdańsk" : "493417",

"Kraków" : "502075",

"Lodz" : "505120",

"Poznań" : "514048",

"Warsaw" : "523920",

"Wroclaw" : "526363",

"Vienna" : "551801",

"Cork" : "560472",

"Dublin" : "560743",

"Galway" : "560912",

"Bordeaux" : "580778",

"Lille" : "608105",

"Lyon" : "609125",

"Marseille" : "610264",

"Montpellier" : "612977",

"Nantes" : "613858",

"Paris" : "615702",

"Rennes" : "619163",

"Strasbourg" : "627791",

"Toulouse" : "628886",

"Berlin" : "638242",

"Bremen" : "641142",

"Dortmund" : "645458",

"Dresden" : "645686",

"Dusseldorf" : "646099",

"Essen" : "648820",

"Frankfurt" : "650272",

"Hamburg" : "656958",

"Cologne" : "667931",

"Leipzig" : "671072",

"Munich" : "676757",

"Stuttgart" : "698064",

"Bologna" : "711080",

"Genoa" : "716085",

"Milan" : "718345",

"Naples" : "719258",

"Palermo" : "719846",

"Rome" : "721943",

"Turin" : "725003",

"Den Haag" : "726874",

"Amsterdam" : "727232",

"Rotterdam" : "733075",

"Utrecht" : "734047",

"Barcelona" : "753692",

"Bilbao" : "754542",

"Las Palmas" : "764814",

"Madrid" : "766273",

"Malaga" : "766356",

"Murcia" : "768026",

"Palma" : "769293",

"Seville" : "774508",

"Valencia" : "776688",

"Zaragoza" : "779063",

"Geneva" : "782538",

"Lausanne" : "783058",

"Zurich" : "784794",

"Brest" : "824382",

"Grodno" : "825848",

"Gomel" : "825978",

"Minsk" : "834463",

"Riga" : "854823",

"Bergen" : "857105",

"Oslo" : "862592",

"Gothenburg" : "890869",

"Stockholm" : "906057",

"Dnipropetrovsk" : "918981",

"Donetsk" : "919163",

"Kharkiv" : "922137",

"Kyiv" : "924938",

"Lviv" : "924943",

"Odesa" : "929398",

"Zaporozhye" : "939628",

"Athens" : "946738",

"Thessaloniki" : "963291",

"Bekasi" : "1030077",

"Depok" : "1032539",

"Pekanbaru" : "1040779",

"Surabaya" : "1044316",

"Makassar" : "1046138",

"Bandung" : "1047180",

"Jakarta" : "1047378",

"Medan" : "1047908",

"Palembang" : "1048059",

"Semarang" : "1048324",

"Tangerang" : "1048536",

"Singapore" : "1062617",

"Perth" : "1098081",

"Adelaide" : "1099805",

"Brisbane" : "1100661",

"Canberra" : "1100968",

"Darwin" : "1101597",

"Melbourne" : "1103816",

"Sydney" : "1105779",

"Kitakyushu" : "1110809",

"Saitama" : "1116753",

"Chiba" : "1117034",

"Fukuoka" : "1117099",

"Hamamatsu" : "1117155",

"Hiroshima" : "1117227",

"Kawasaki" : "1117502",

"Kobe" : "1117545",

"Kumamoto" : "1117605",

"Nagoya" : "1117817",

"Niigata" : "1117881",

"Sagamihara" : "1118072",

"Sapporo" : "1118108",

"Sendai" : "1118129",

"Takamatsu" : "1118285",

"Tokyo" : "1118370",

"Yokohama" : "1118550",

"Goyang" : "1130853",

"Yongin" : "1132094",

"Ansan" : "1132444",

"Bucheon" : "1132445",

"Busan" : "1132447",

"Changwon" : "1132449",

"Daegu" : "1132466",

"Gwangju" : "1132481",

"Incheon" : "1132496",

"Seongnam" : "1132559",

"Suwon" : "1132567",

"Ulsan" : "1132578",

"Seoul" : "1132599",

"Kajang" : "1141268",

"Ipoh" : "1154679",

"Johor Bahru" : "1154698",

"Klang" : "1154726",

"Kuala Lumpur" : "1154781",

"Calocan" : "1167715",

"Makati" : "1180689",

"Pasig" : "1187115",

"Taguig" : "1195098",

"Antipolo" : "1198785",

"Cagayan de Oro" : "1199002",

"Cebu City" : "1199079",

"Davao City" : "1199136",

"Manila" : "1199477",

"Quezon City" : "1199682",

"Zamboanga City" : "1199980",

"Bangkok" : "1225448",

"Hanoi" : "1236594",

"Hai Phong" : "1236690",

"Can Tho" : "1252351",

"Da Nang" : "1252376",

"Ho Chi Minh City" : "1252431",

"Algiers" : "1253079",

"Accra" : "1326075",

"Kumasi" : "1330595",

"Benin City" : "1387660",

"Ibadan" : "1393672",

"Kaduna" : "1396439",

"Kano" : "1396803",

"Lagos" : "1398823",

"Port Harcourt" : "1404447",

"Giza" : "1521643",

"Cairo" : "1521894",

"Alexandria" : "1522006",

"Mombasa" : "1528335",

"Nairobi" : "1528488",

"Durban" : "1580913",

"Johannesburg" : "1582504",

"Port Elizabeth" : "1586614",

"Pretoria" : "1586638",

"Soweto" : "1587677",

"Cape Town" : "1591691",

"Medina" : "1937801",

"Dammam" : "1939574",

"Riyadh" : "1939753",

"Jeddah" : "1939873",

"Mecca" : "1939897",

"Sharjah" : "1940119",

"Abu Dhabi" : "1940330",

"Dubai" : "1940345",

"Haifa" : "1967449",

"Tel Aviv" : "1968212",

"Jerusalem" : "1968222",

"Amman" : "1968902",

"Chelyabinsk" : "1997422",

"Khabarovsk" : "2018708",

"Krasnodar" : "2028717",

"Krasnoyarsk" : "2029043",

"Samara" : "2077746",

"Voronezh" : "2108210",

"Yekaterinburg" : "2112237",

"Irkutsk" : "2121040",

"Kazan" : "2121267",

"Moscow" : "2122265",

"Nizhny Novgorod" : "2122471",

"Novosibirsk" : "2122541",

"Omsk" : "2122641",

"Perm" : "2122814",

"Rostov-on-Don" : "2123177",

"Saint Petersburg" : "2123260",

"Ufa" : "2124045",

"Vladivostok" : "2124288",

"Volgograd" : "2124298",

"Karachi" : "2211096",

"Lahore" : "2211177",

"Multan" : "2211269",

"Rawalpindi" : "2211387",

"Faisalabad" : "2211574",

"Muscat" : "2268284",

"Nagpur" : "2282863",

"Lucknow" : "2295377",

"Kanpur" : "2295378",

"Patna" : "2295381",

"Ranchi" : "2295383",

"Kolkata" : "2295386",

"Srinagar" : "2295387",

"Amritsar" : "2295388",

"Jaipur" : "2295401",

"Ahmedabad" : "2295402",

"Rajkot" : "2295404",

"Surat" : "2295405",

"Bhopal" : "2295407",

"Indore" : "2295408",

"Thane" : "2295410",

"Mumbai" : "2295411",

"Pune" : "2295412",

"Hyderabad" : "2295414",

"Bangalore" : "2295420",

"Chennai" : "2295424",

"Mersin" : "2323778",

"Adana" : "2343678",

"Ankara" : "2343732",

"Antalya" : "2343733",

"Bursa" : "2343843",

"Diyarbakır" : "2343932",

"Eskişehir" : "2343980",

"Gaziantep" : "2343999",

"Istanbul" : "2344116",

"Izmir" : "2344117",

"Kayseri" : "2344174",

"Konya" : "2344210",

"Okinawa" : "2345896",

"Daejeon" : "2345975",

"Auckland" : "2348079",

"Albuquerque" : "2352824",

"Atlanta" : "2357024",

"Austin" : "2357536",

"Baltimore" : "2358820",

"Baton Rouge" : "2359991",

"Birmingham" : "2364559",

"Boston" : "2367105",

"Charlotte" : "2378426",

"Chicago" : "2379574",

"Cincinnati" : "2380358",

"Cleveland" : "2381475",

"Colorado Springs" : "2383489",

"Columbus" : "2383660",

"Dallas-Ft. Worth" : "2388929",

"Denver" : "2391279",

"Detroit" : "2391585",

"El Paso" : "2397816",

"Fresno" : "2407517",

"Greensboro" : "2414469",

"Harrisburg" : "2418046",

"Honolulu" : "2423945",

"Houston" : "2424766",

"Indianapolis" : "2427032",

"Jackson" : "2428184",

"Jacksonville" : "2428344",

"Kansas City" : "2430683",

"Las Vegas" : "2436704",

"Long Beach" : "2441472",

"Los Angeles" : "2442047",

"Louisville" : "2442327",

"Memphis" : "2449323",

"Mesa" : "2449808",

"Miami" : "2450022",

"Milwaukee" : "2451822",

"Minneapolis" : "2452078",

"Nashville" : "2457170",

"New Haven" : "2458410",

"New Orleans" : "2458833",

"New York" : "2459115",

"Norfolk" : "2460389",

"Oklahoma City" : "2464592",

"Omaha" : "2465512",

"Orlando" : "2466256",

"Philadelphia" : "2471217",

"Phoenix" : "2471390",

"Pittsburgh" : "2473224",

"Portland" : "2475687",

"Providence" : "2477058",

"Raleigh" : "2478307",

"Richmond" : "2480894",

"Sacramento" : "2486340",

"St. Louis" : "2486982",

"Salt Lake City" : "2487610",

"San Antonio" : "2487796",

"San Diego" : "2487889",

"San Francisco" : "2487956",

"San Jose" : "2488042",

"Seattle" : "2490383",

"Tallahassee" : "2503713",

"Tampa" : "2503863",

"Tucson" : "2508428",

"Virginia Beach" : "2512636",

"Washington" : "2514815",

"Osaka" : "15015370",

"Kyoto" : "15015372",

"Delhi" : "20070458",

"United Arab Emirates" : "23424738",

"Algeria" : "23424740",

"Argentina" : "23424747",

"Australia" : "23424748",

"Austria" : "23424750",

"Bahrain" : "23424753",

"Belgium" : "23424757",

"Belarus" : "23424765",

"Brazil" : "23424768",

"Canada" : "23424775",

"Chile" : "23424782",

"Colombia" : "23424787",

"Denmark" : "23424796",

"Dominican Republic" : "23424800",

"Ecuador" : "23424801",

"Egypt" : "23424802",

"Ireland" : "23424803",

"France" : "23424819",

"Ghana" : "23424824",

"Germany" : "23424829",

"Greece" : "23424833",

"Guatemala" : "23424834",

"Indonesia" : "23424846",

"India" : "23424848",

"Israel" : "23424852",

"Italy" : "23424853",

"Japan" : "23424856",

"Jordan" : "23424860",

"Kenya" : "23424863",

"Korea" : "23424868",

"Kuwait" : "23424870",

"Lebanon" : "23424873",

"Latvia" : "23424874",

"Oman" : "23424898",

"Mexico" : "23424900",

"Malaysia" : "23424901",

"Nigeria" : "23424908",

"Netherlands" : "23424909",

"Norway" : "23424910",

"New Zealand" : "23424916",

"Peru" : "23424919",

"Pakistan" : "23424922",

"Poland" : "23424923",

"Panama" : "23424924",

"Portugal" : "23424925",

"Qatar" : "23424930",

"Philippines" : "23424934",

"Puerto Rico" : "23424935",

"Russia" : "23424936",

"Saudi Arabia" : "23424938",

"South Africa" : "23424942",

"Singapore" : "23424948",

"Spain" : "23424950",

"Sweden" : "23424954",

"Switzerland" : "23424957",

"Thailand" : "23424960",

"Turkey" : "23424969",

"United Kingdom" : "23424975",

"Ukraine" : "23424976",

"United States" : "23424977",

"Venezuela" : "23424982",

"Vietnam" : "23424984",

"Petaling" : "56013632",

"Hulu Langat" : "56013645",

"Ahsa" : "56120136",

"Okayama" : "90036018"

};

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;

closeAllLists();

if (!val) { return false;}

currentFocus = -1;

a = document.createElement("DIV");

a.setAttribute("id", this.id + "autocomplete-list");

a.setAttribute("class", "autocomplete-items");

this.parentNode.appendChild(a);

for (var key in countries) {

if (key.substr(0, val.length).toUpperCase() == val.toUpperCase()) {

b = document.createElement("DIV");

b.innerHTML = "<strong>" + key.substr(0, val.length) + "</strong>";

b.innerHTML += key.substr(val.length);

b.innerHTML += "<input type='hidden' value='" + arr[key] + "'>";

b.addEventListener("click", function(e) {

inp.value = this.getElementsByTagName("input")[0].value;

closeAllLists();

});

a.appendChild(b);

}

}

});

inp.addEventListener("keydown", function(e) {

var x = document.getElementById(this.id + "autocomplete-list");

if (x) x = x.getElementsByTagName("div");

if (e.keyCode == 40) {

currentFocus++;

addActive(x);

} else if (e.keyCode == 38) {

currentFocus--;

addActive(x);

} else if (e.keyCode == 13) {

if (currentFocus > -1) {

if (x) x[currentFocus].click();

}

}

});

function addActive(x) {

if (!x) return false;

removeActive(x);

if (currentFocus >= x.length) currentFocus = 0;

if (currentFocus < 0) currentFocus = (x.length - 1);

x[currentFocus].classList.add("autocomplete-active");

}

function removeActive(x) {

for (var i = 0; i < x.length; i++) {

x[i].classList.remove("autocomplete-active");

}

}

function closeAllLists(elmnt) {

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]);

}

}

}

document.addEventListener("click", function (e) {

closeAllLists(e.target);

});

}

autocomplete(document.getElementById("myInput"), countries);

var ele0 = document.getElementById("head-0");

var utc = parseInt(ele0.getAttribute("data-timestamp"));

var t = new Date();

t.getUTCSeconds(utc);

ele0.innerHTML = t.getMinutes()+" minutes ago";

</script>

<?php

// if(isset($\_POST['country']))

// {

// $city = $\_POST['country'];

// // echo $city;

// $stradd = '"C:\Program Files\Microsoft\R Open\R-3.5.3\bin\x64\Rscript.exe"';

// $str = $stradd." trends.r ".$city;

// $output=exec($str);

// }

?>

<?php

// $stradd = '"C:\Program Files\Microsoft\R Open\R-3.5.3\bin\x64\Rscript.exe"';

// $str = $stradd." testjson.R";

// $output=exec($str);

// $outputarr = json\_decode($output, TRUE);

// // print\_r($outputarr[0]["place"]);

// for ($x = 0; $x < 10; $x++) {

// echo $outputarr[$x]["trend"]."<br>";

// }

?>

</html>

Create a CSV file named trend.csv

Rscript (Filename: trends.r) (For faster output comment Line 4 (install.packages("rtweet"))):

args <- commandArgs(TRUE)

city<-args[1]

city

install.packages("rtweet")

library(rtweet)

key='lchjmA5XFkvcvXkiWr8aiNx0z'

secret='AJtSwfqjeLYDdlZG3g1d9qjiYh9Tz9fxTZVyMxZxDnMQdTDq11'

access\_token='2892292632-WiAT271zbCfAEKv4lys1kFvcCXFcH25EbH1LjsP'

access\_secret='bBGasbirbvD8nqhHExKK3sEdPZnTUF9bGKB9FKTOnPTKA'

twitter\_token <- create\_token(consumer\_key = key,consumer\_secret = secret,access\_token = access\_token,access\_secret = access\_secret)

identical(twitter\_token, get\_token())

trends<-get\_trends(city)

write.csv(trends, file="C:/xampp/htdocs/internship-null/trend.csv")

Rscript (Filename: testjson.r) (For faster output comment Line1 (install.packages("jsonlite"))):

install.packages("jsonlite")

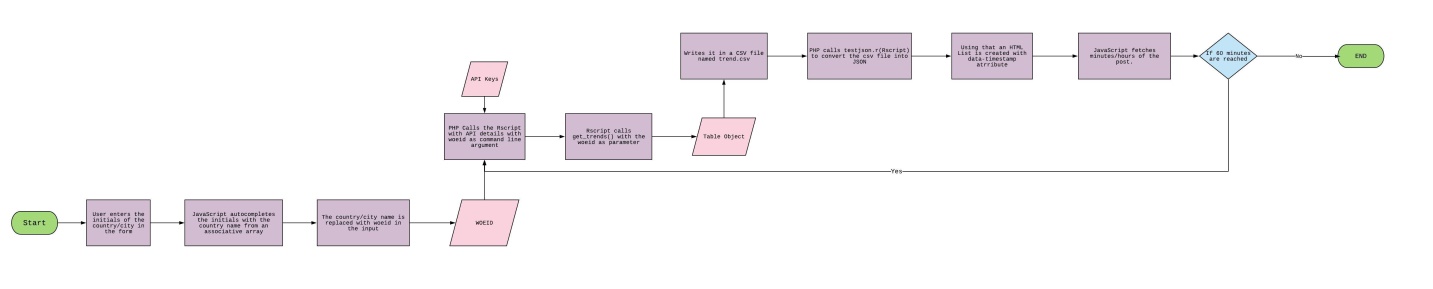
library(jsonlite)

data<- read.csv(file = "C:/xampp/htdocs/internship-null/trend.csv")

x<-toJSON(data)

x

Work Flow Chart:



(PS. Please download the attached image for larger picture)