public class COVID19ApexManager {

//@auraEnabled

public static List<COVID19Summary> getCovidData() {

List<COVID19Summary> covid19List = new List<COVID19Summary>();

String endpointURL = 'https://api.covid19api.com/summary';

httprequest hreq = new httprequest();

hreq.setMethod('GET');

hreq.setEndpoint(endpointURL);

hreq.setHeader('Content-type', 'application/json');

http h1 = new http();

httpresponse hres = h1.send(hreq);

JSONParser parser = JSON.createParser(hres.getBody());

while(parser.nextToken()!=Null){

if(parser.getCurrentToken() == JSONToken.START\_ARRAY){

while(parser.nextToken()!=Null){

if(parser.getCurrentToken() == JSONToken.START\_OBJECT){

COVID19Summary inv = (COVID19Summary)parser.readValueAs(COVID19Summary.class);

if(string.isNotBlank(inv.Country)){

covid19List.add(inv);

}

}

}

}

}

if(covid19List.size()>0){

String CountryName = 'World Total';

Integer NewConfirmedTotal = 0;

Integer TotalConfirmedTotal = 0;

Integer NewDeathsTotal = 0;

Integer TotalDeathsTotal = 0;

Integer NewRecoveredTotal = 0;

Integer TotalRecoveredTotal = 0;

Datetime dt = system.now();

for(COVID19Summary eachcountry : covid19List){

NewConfirmedTotal = NewConfirmedTotal + Integer.valueOf(eachcountry.NewConfirmed);

TotalConfirmedTotal = TotalConfirmedTotal + Integer.valueOf(eachcountry.TotalConfirmed);

NewDeathsTotal = NewDeathsTotal + Integer.valueOf(eachcountry.NewDeaths);

TotalDeathsTotal =TotalDeathsTotal + Integer.valueOf(eachcountry.TotalDeaths);

NewRecoveredTotal = NewRecoveredTotal + Integer.valueOf(eachcountry.NewRecovered);

TotalRecoveredTotal = TotalRecoveredTotal + Integer.valueOf(eachcountry.TotalRecovered);

//dt = dt + Integer.valueOf(datetime.valueOf(eachcountry.DtTime));

}

COVID19Summary tfnl = new COVID19Summary();

tfnl.Country = CountryName;

tfnl.CountryCode = CountryName;

tfnl.Slug = CountryName;

tfnl.NewConfirmed = String.valueOf(NewConfirmedTotal);

tfnl.TotalConfirmed = String.valueOf(TotalConfirmedTotal);

tfnl.NewDeaths = String.valueOf(NewDeathsTotal);

tfnl.TotalDeaths = String.valueOf(TotalDeathsTotal);

tfnl.NewRecovered = String.valueOf(NewRecoveredTotal);

tfnl.TotalRecovered = String.valueOf(TotalRecoveredTotal);

tfnl.DtTime = String.valueOf(dt);

System.debug('@@@@@@ TotalDebug '+tfnl);

covid19List.add(tfnl);

}

System.debug('@@@@@@ ListFinal '+covid19List);

return covid19List;

}

public class COVID19Summary {

@auraEnabled

public string Country;

@auraEnabled

public string CountryCode;

@auraEnabled

public string Slug;

@auraEnabled

public string NewConfirmed;

@auraEnabled

public string TotalConfirmed;

@auraEnabled

public string NewDeaths;

@auraEnabled

public string TotalDeaths;

@auraEnabled

public string NewRecovered;

@auraEnabled

public string TotalRecovered;

@auraEnabled

public string DtTime;

}

}