**Day4-XML-HTTP-REQUEST**

**//Javascript - Day -4 : What is XMLHTTPRequest? & scope**

**//2 Use the rest countries API url -> https://restcountries.eu/rest/v2/all and display all the country flags in console**

**//3 Use the same rest countries and print all countries name, region, sub region and population**

//Xml http request are used to interact with servers

**//Create XMLHttpRequest()**

var xhr = new XMLHttpRequest();

let url = "https://restcountries.eu/rest/v2/all";

xhr.open("GET", url);

//Onoad listner to process completed request

xhr.onload = function () {

if(xhr.status === 200 && xhr.readyState == 4)

var responseData = JSON.parse(this.response);

console.log(responseData);

let nameArray= [];

let regionArray = [];

let subregionArray = [];

let flagArray = [];

let populationArray = [];

for(let data of responseData){

flagArray.push(data.flag);

nameArray.push(data.name);

regionArray.push(data.region);

subregionArray.push(data.subregion);

populationArray.push(data.population);

}

console.log(“FLAGS”,flagArray);

**OUTPUT:**



console.log('Names : ' +nameArray + "\n ",

'Region : '+regionArray + "\n ",

'Sub-region : '+subregionArray + "\n ",

'Population : '+populationArray + "\n ");

};

**OUTPUT:-** 



xhr.onerror = function () {

console.log("Error", this.statusText);

};

//Send request to the server

xhr.send();