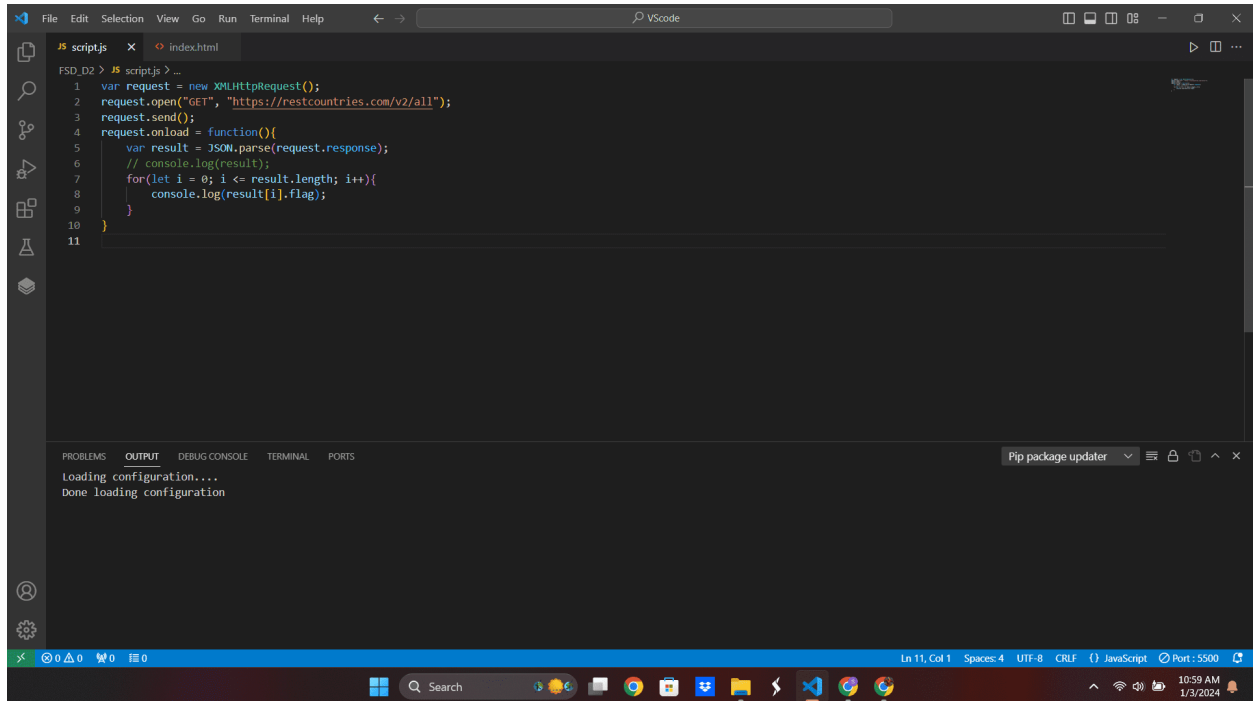


Q2: Display all the countries flag on the console.

source code:

Note:- Here I've given `console.log(result[i].flag);` I get HTTP format in the console



```
1 var request = new XMLHttpRequest();
2 request.open("GET", "https://restcountries.com/v2/all");
3 request.send();
4 request.onload = function(){
5     var result = JSON.parse(request.response);
6     // console.log(result);
7     for(let i = 0; i <= result.length; i++){
8         console.log(result[i].flag);
9     }
10 }
11
```

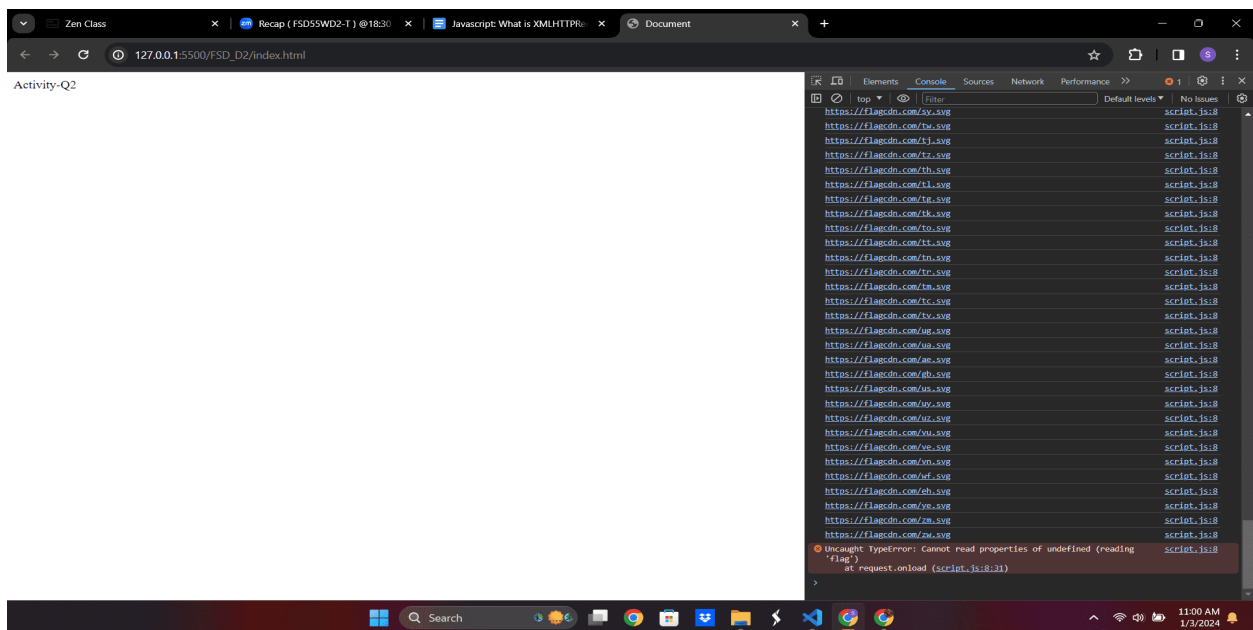
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Loading configuration...
Done loading configuration

Pip package updater

Ln 11, Col 1 Spaces: 4 UTF-8 CRLF JavaScript Port: 5500

flag on console:



Activity-Q2

127.0.0.1:5500/FSD_D2/index.html

Elements Console Sources Network Performance

Filter

Default levels No issues

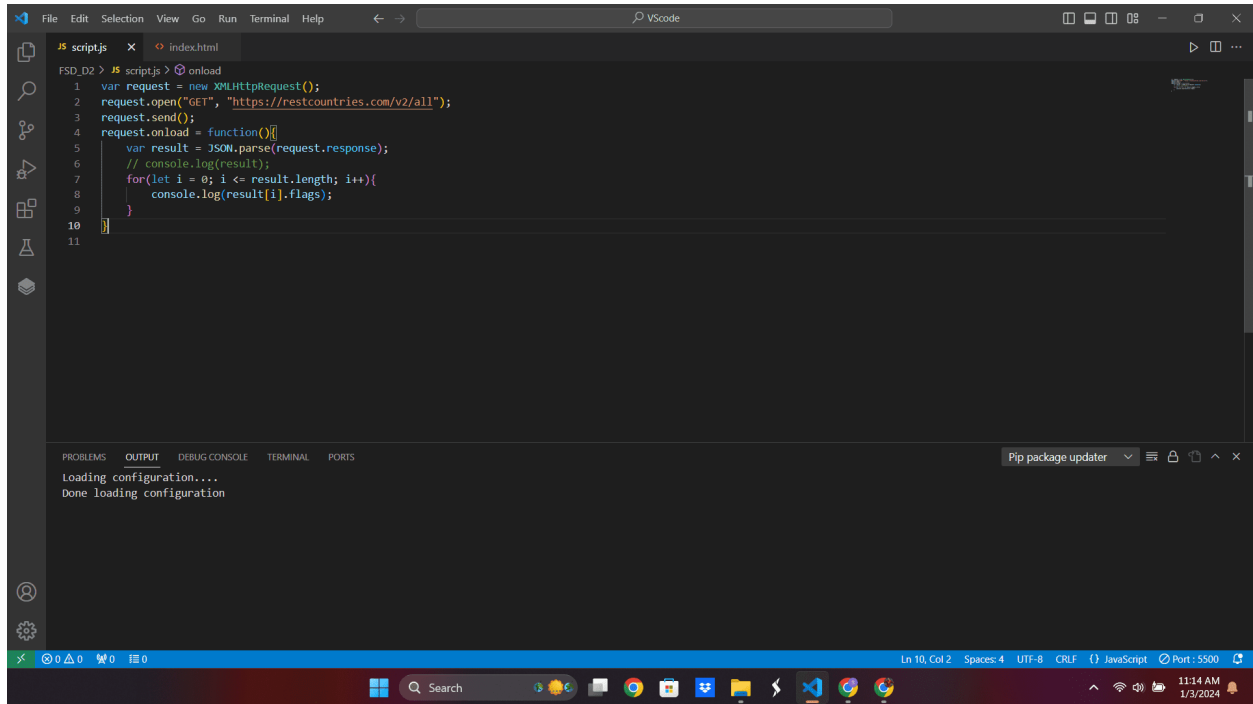
https://flagcdn.com/xy.svg script.js:8
https://flagcdn.com/tw.svg script.js:8
https://flagcdn.com/tj.svg script.js:8
https://flagcdn.com/tr.svg script.js:8
https://flagcdn.com/tb.svg script.js:8
https://flagcdn.com/tl.svg script.js:8
https://flagcdn.com/tr.svg script.js:8
https://flagcdn.com/tk.svg script.js:8
https://flagcdn.com/to.svg script.js:8
https://flagcdn.com/tt.svg script.js:8
https://flagcdn.com/tn.svg script.js:8
https://flagcdn.com/tr.svg script.js:8
https://flagcdn.com/tm.svg script.js:8
https://flagcdn.com/TC.svg script.js:8
https://flagcdn.com/tv.svg script.js:8
https://flagcdn.com/ug.svg script.js:8
https://flagcdn.com/ua.svg script.js:8
https://flagcdn.com/ae.svg script.js:8
https://flagcdn.com/eb.svg script.js:8
https://flagcdn.com/us.svg script.js:8
https://flagcdn.com/uy.svg script.js:8
https://flagcdn.com/uz.svg script.js:8
https://flagcdn.com/vu.svg script.js:8
https://flagcdn.com/ve.svg script.js:8
https://flagcdn.com/vn.svg script.js:8
https://flagcdn.com/vf.svg script.js:8
https://flagcdn.com/eh.svg script.js:8
https://flagcdn.com/yo.svg script.js:8
https://flagcdn.com/zw.svg script.js:8
https://flagcdn.com/zw.svg script.js:8

Uncaught TypeError: Cannot read properties of undefined (reading 'flag')
at request.onload (script.js:8:31)

11:00 AM 1/3/2024

Note:- when I change the source code to `console.log(result[i].flags);` I get the objects png and svg format in the console.

source code:



```
1 var request = new XMLHttpRequest();
2 request.open("GET", "https://restcountries.com/v2/all");
3 request.send();
4 request.onload = function(){
5     var result = JSON.parse(request.response);
6     // console.log(result);
7     for(let i = 0; i <= result.length; i++){
8         console.log(result[i].flags);
9     }
10
11
```

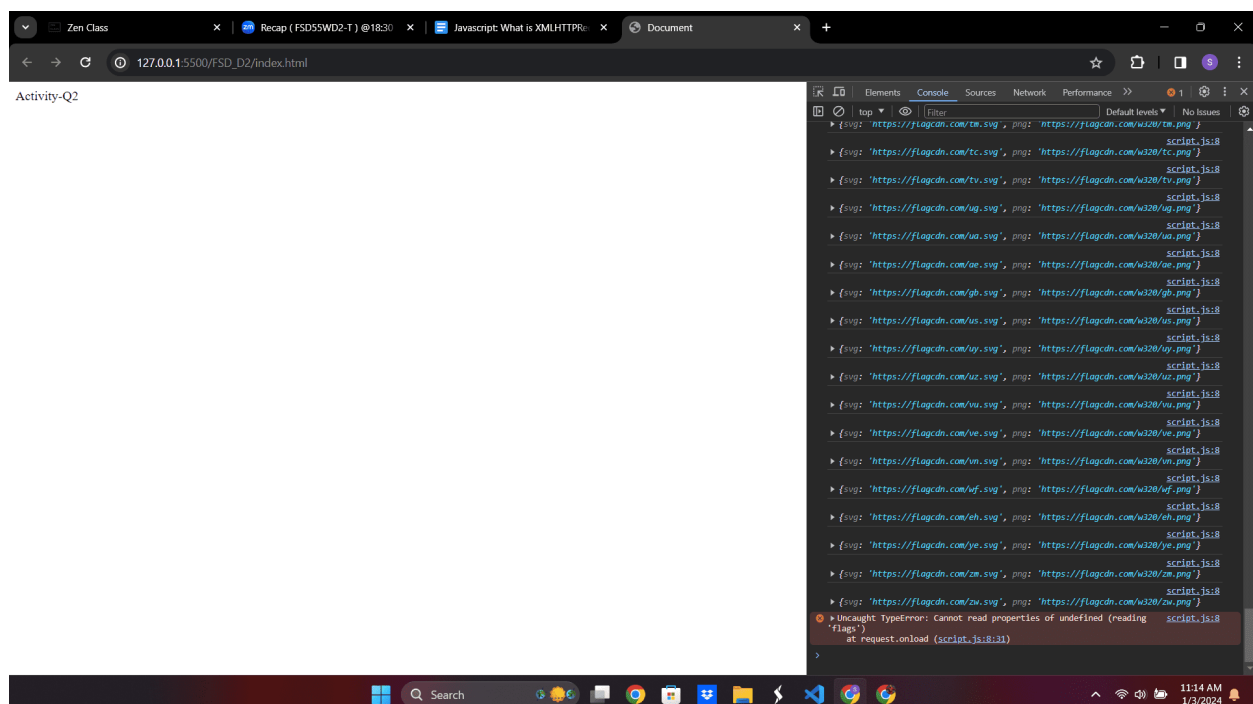
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Loading configuration...
Done loading configuration

Pip package updater

Ln 10, Col 2 Spaces: 4 UTF-8 CRLF JavaScript Port: 5500

flags on console:



Activity-Q2

Elements Console Sources Network Performance

top Filter Default levels No Issues

[svg: 'https://flagcdn.com/tn.svg', png: 'https://flagcdn.com/w320/tn.png'] script.js:8

[svg: 'https://flagcdn.com/cc.svg', png: 'https://flagcdn.com/w320/cc.png'] script.js:8

[svg: 'https://flagcdn.com/tv.svg', png: 'https://flagcdn.com/w320/tv.png'] script.js:8

[svg: 'https://flagcdn.com/ug.svg', png: 'https://flagcdn.com/w320/ug.png'] script.js:8

[svg: 'https://flagcdn.com/ua.svg', png: 'https://flagcdn.com/w320/ua.png'] script.js:8

[svg: 'https://flagcdn.com/ae.svg', png: 'https://flagcdn.com/w320/ae.png'] script.js:8

[svg: 'https://flagcdn.com/gh.svg', png: 'https://flagcdn.com/w320/gh.png'] script.js:8

[svg: 'https://flagcdn.com/us.svg', png: 'https://flagcdn.com/w320/us.png'] script.js:8

[svg: 'https://flagcdn.com/uy.svg', png: 'https://flagcdn.com/w320/uy.png'] script.js:8

[svg: 'https://flagcdn.com/uz.svg', png: 'https://flagcdn.com/w320/uz.png'] script.js:8

[svg: 'https://flagcdn.com/uz.svg', png: 'https://flagcdn.com/w320/uz.png'] script.js:8

[svg: 'https://flagcdn.com/ve.svg', png: 'https://flagcdn.com/w320/ve.png'] script.js:8

[svg: 'https://flagcdn.com/vn.svg', png: 'https://flagcdn.com/w320/vn.png'] script.js:8

[svg: 'https://flagcdn.com/vn.svg', png: 'https://flagcdn.com/w320/vn.png'] script.js:8

[svg: 'https://flagcdn.com/hf.svg', png: 'https://flagcdn.com/w320/hf.png'] script.js:8

[svg: 'https://flagcdn.com/eh.svg', png: 'https://flagcdn.com/w320/eh.png'] script.js:8

[svg: 'https://flagcdn.com/ye.svg', png: 'https://flagcdn.com/w320/ye.png'] script.js:8

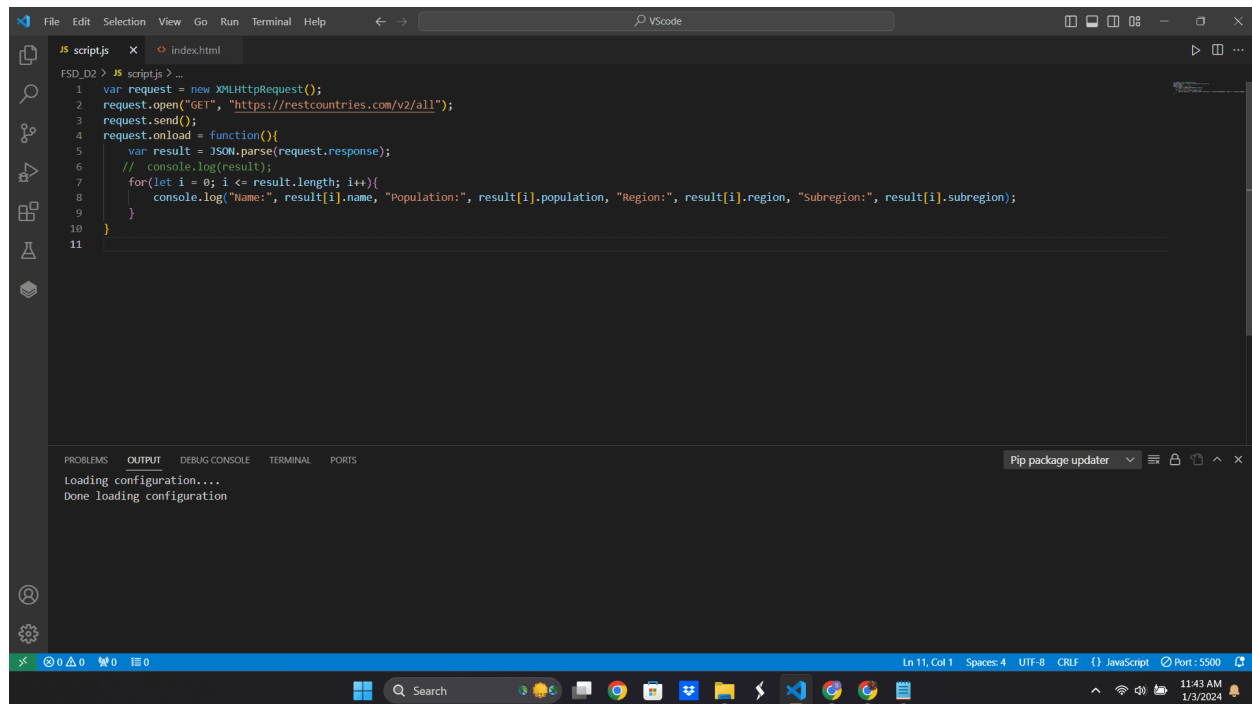
[svg: 'https://flagcdn.com/zw.svg', png: 'https://flagcdn.com/w320/zw.png'] script.js:8

[svg: 'https://flagcdn.com/zw.svg', png: 'https://flagcdn.com/w320/zw.png'] script.js:8

Uncaught TypeError: Cannot read properties of undefined (reading 'flags') at request.onload (script.js:8:31)

Q3: Display Name, Population, Region, Sub region for all countries

source code:

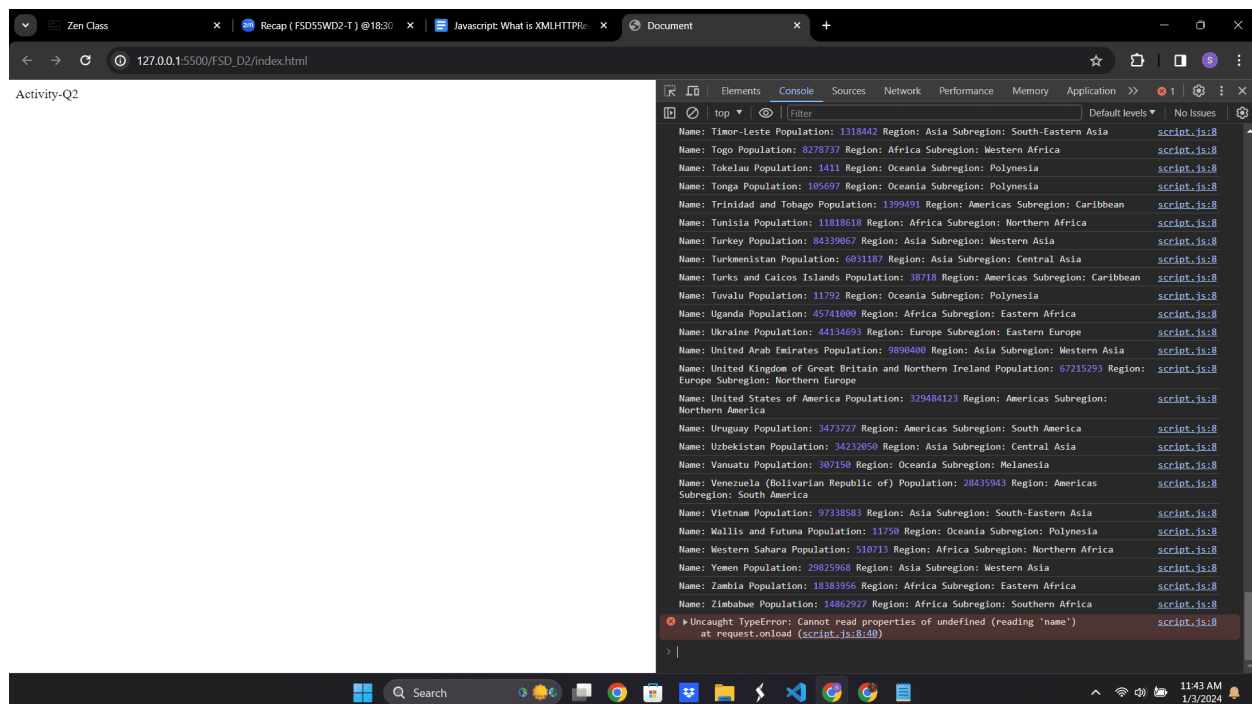


```
1 var request = new XMLHttpRequest();
2 request.open("GET", "https://restcountries.com/v2/all");
3 request.send();
4 request.onload = function(){
5     var result = JSON.parse(request.response);
6     // console.log(result);
7     for(let i = 0; i <= result.length; i++){
8         console.log("Name:", result[i].name, "Population:", result[i].population, "Region:", result[i].region, "Subregion:", result[i].subregion);
9     }
10 }
11
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Loading configuration....
Done loading configuration

console:



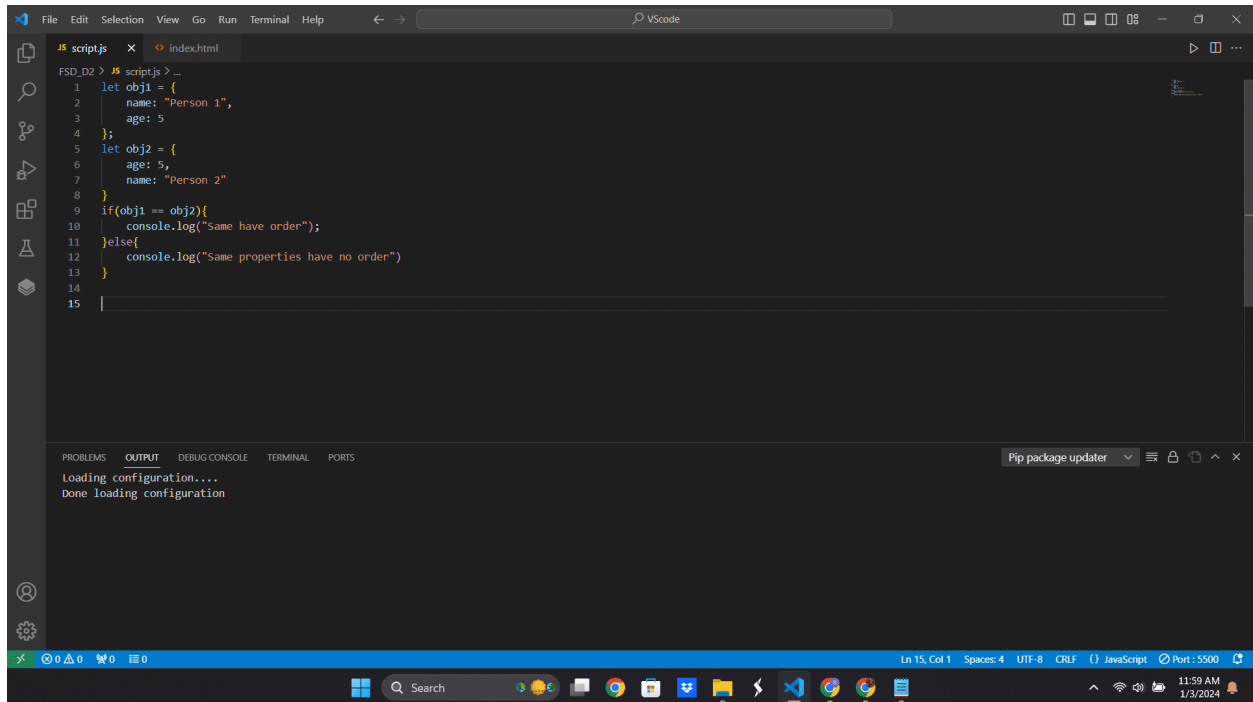
Activity-Q2

Name: Timor-Leste	Population: 1318442	Region: Asia	Subregion: South-Eastern Asia
Name: Togo	Population: 8278737	Region: Africa	Subregion: Western Africa
Name: Tokelau	Population: 1411	Region: Oceania	Subregion: Polynesia
Name: Tonga	Population: 105697	Region: Oceania	Subregion: Polynesia
Name: Trinidad and Tobago	Population: 1399491	Region: Americas	Subregion: Caribbean
Name: Tunisia	Population: 11818618	Region: Africa	Subregion: Northern Africa
Name: Turkey	Population: 84339067	Region: Asia	Subregion: Western Asia
Name: Turkmenistan	Population: 6031187	Region: Asia	Subregion: Central Asia
Name: Turks and Caicos Islands	Population: 38718	Region: Americas	Subregion: Caribbean
Name: Tuvalu	Population: 11792	Region: Oceania	Subregion: Polynesia
Name: Uganda	Population: 45741000	Region: Africa	Subregion: Eastern Africa
Name: Ukraine	Population: 44134693	Region: Europe	Subregion: Eastern Europe
Name: United Arab Emirates	Population: 9890400	Region: Asia	Subregion: Western Asia
Name: United Kingdom of Great Britain and Northern Ireland	Population: 67215293	Region: Europe	Subregion: Northern Europe
Name: United States of America	Population: 329484123	Region: Americas	Subregion: Northern America
Name: Uruguay	Population: 3473727	Region: Americas	Subregion: South America
Name: Uzbekistan	Population: 34232050	Region: Asia	Subregion: Central Asia
Name: Vanuatu	Population: 307150	Region: Oceania	Subregion: Melanesia
Name: Venezuela (Bolivarian Republic of)	Population: 28435943	Region: Americas	Subregion: South America
Name: Vietnam	Population: 97338583	Region: Asia	Subregion: South-Eastern Asia
Name: Wallis and Futuna	Population: 11750	Region: Oceania	Subregion: Polynesia
Name: Western Sahara	Population: 510713	Region: Africa	Subregion: Northern Africa
Name: Yemen	Population: 29825968	Region: Asia	Subregion: Western Asia
Name: Zambia	Population: 18383956	Region: Africa	Subregion: Eastern Africa
Name: Zimbabwe	Population: 14862927	Region: Africa	Subregion: Southern Africa

Uncaught TypeError: Cannot read properties of undefined (reading 'name') at request.onload (script.js:8:40)

Q1: Compare two JSON to check if the properties are without order

source code:



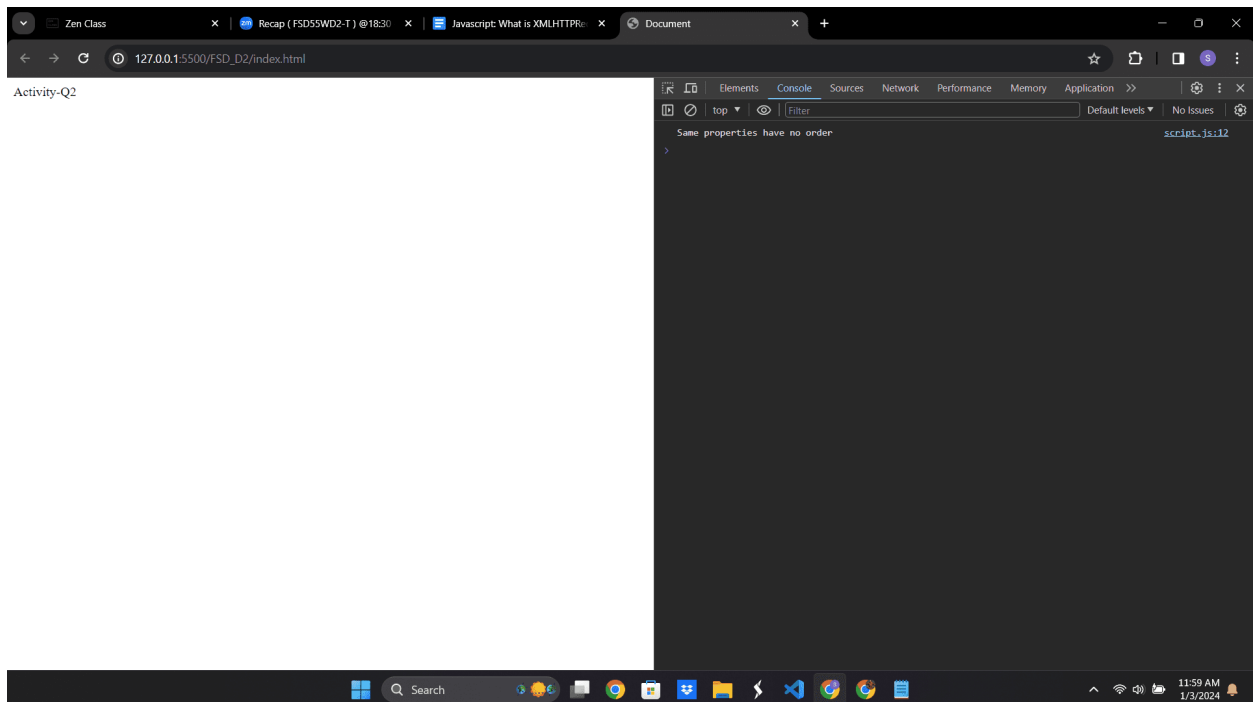
```
1 let obj1 = {
2   name: "Person 1",
3   age: 5
4 };
5 let obj2 = {
6   age: 5,
7   name: "Person 2"
8 };
9 if (obj1 === obj2) {
10  console.log("Same have order");
11 } else {
12  console.log("Same properties have no order");
13 }
14
15
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Loading configuration....
Done loading configuration

Ln 15, Col 1 Spaces: 4 UTF-8 CRLF JavaScript Port: 5500

console:



Activity-Q2

Same properties have no order

script.js:12

