

Assignment 5b

Roll No : 71 Batch T14

Aim : Write a JavaScript program to implement the concept of Promise. Access the data from any API using Promise and either resolve or reject the request by taking appropriate action.

Code:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-
scale=1.0" />
    <title>Document</title>
  </head>
  <body></body>
  <script>
    function fetchData(url, params) {
      return new Promise((resolve, reject) => {
        if (!params) {
          reject(new Error("Params are missing"));
          return;
        }

        fetch(url, {
          method: "GET",
          headers: {
            "Content-Type": "application/json",
          },
        })
          .then((response) => {
            if (!response.ok) {
              throw new Error(`HTTP error! Status:
${response.status}`);
            }
            return response.json();
          })
          .then((data) => {
            resolve(data);
          })
          .catch((error) => {
            reject(error);
          });
      });
    }
  </script>
</body>
</html>
```

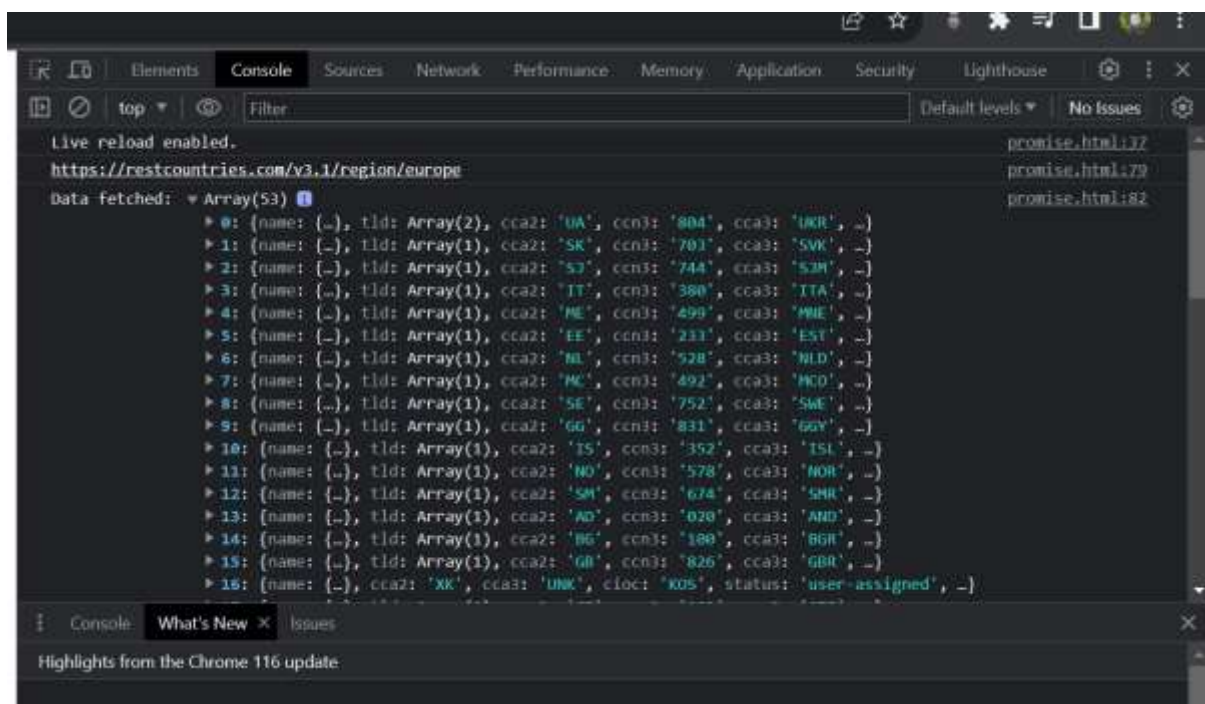
```

}
let params = { key: "europe" };

let url = `https://restcountries.com/v3.1/region/${params.key}`;
console.log(url);
fetchData(url, params)
  .then((data) => {
    console.log("Data fetched:", data);
  })
  .catch((error) => {
    console.error("Error fetching data:", error);
  });
</script>
</html>

```

Output:



On changing params.key:

