First part Activity08 in-class

MoviesFromJSON

MoviesFromJSON

Including images from URL

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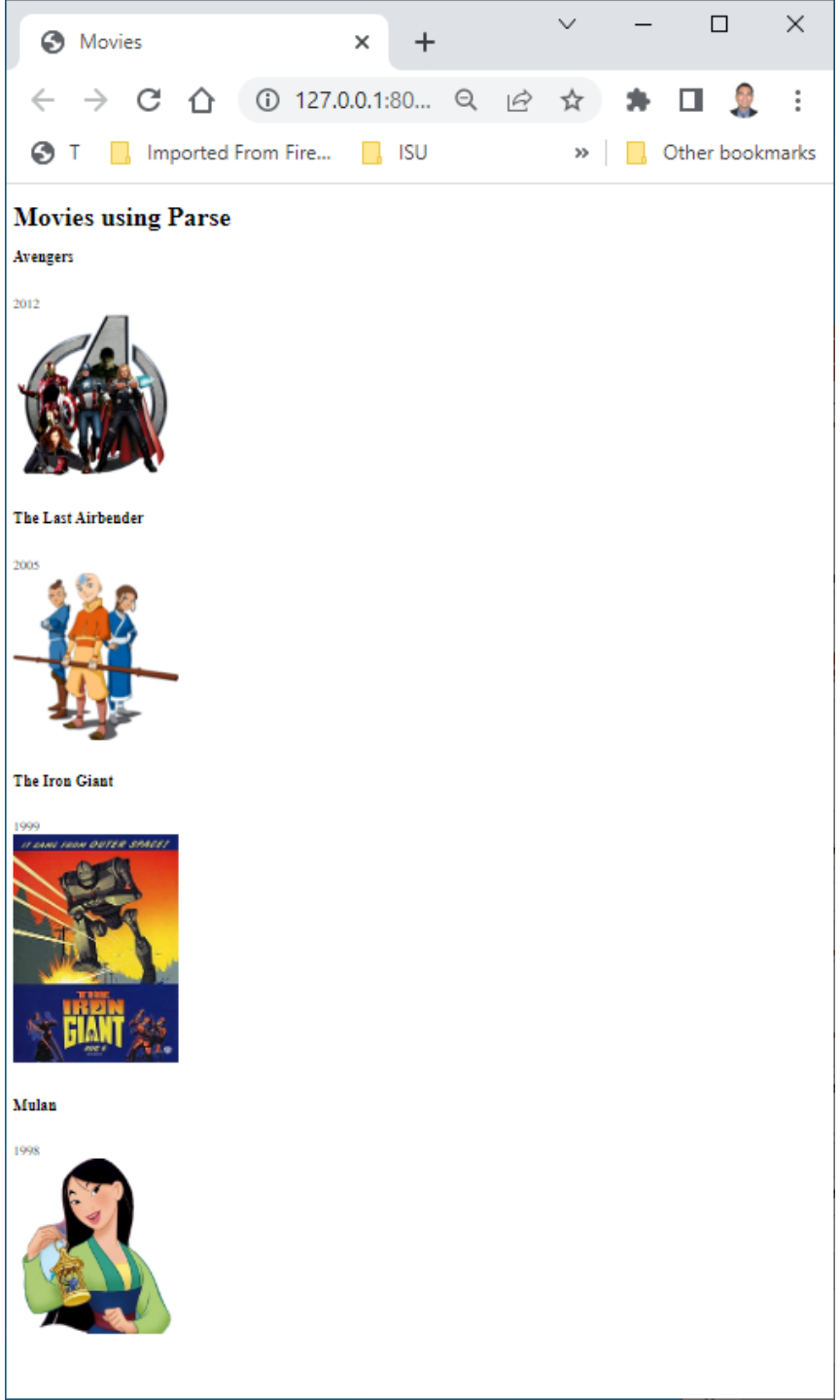
Let's create a HTML Web page similar to this :



Follow the instructions of your Professor.

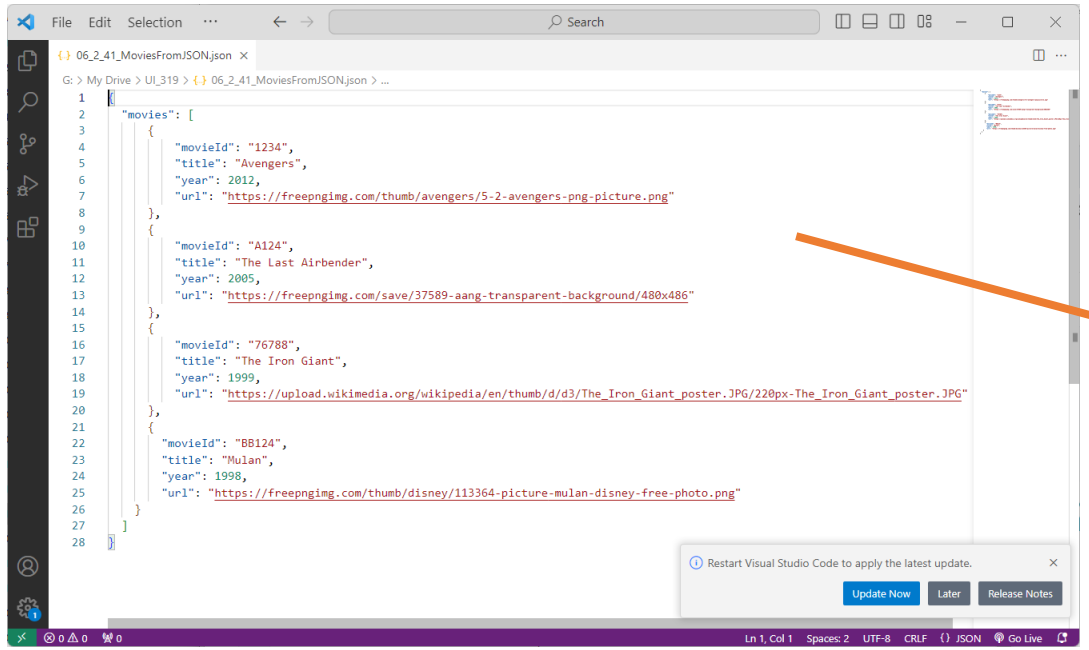
https://freepngimg.com/

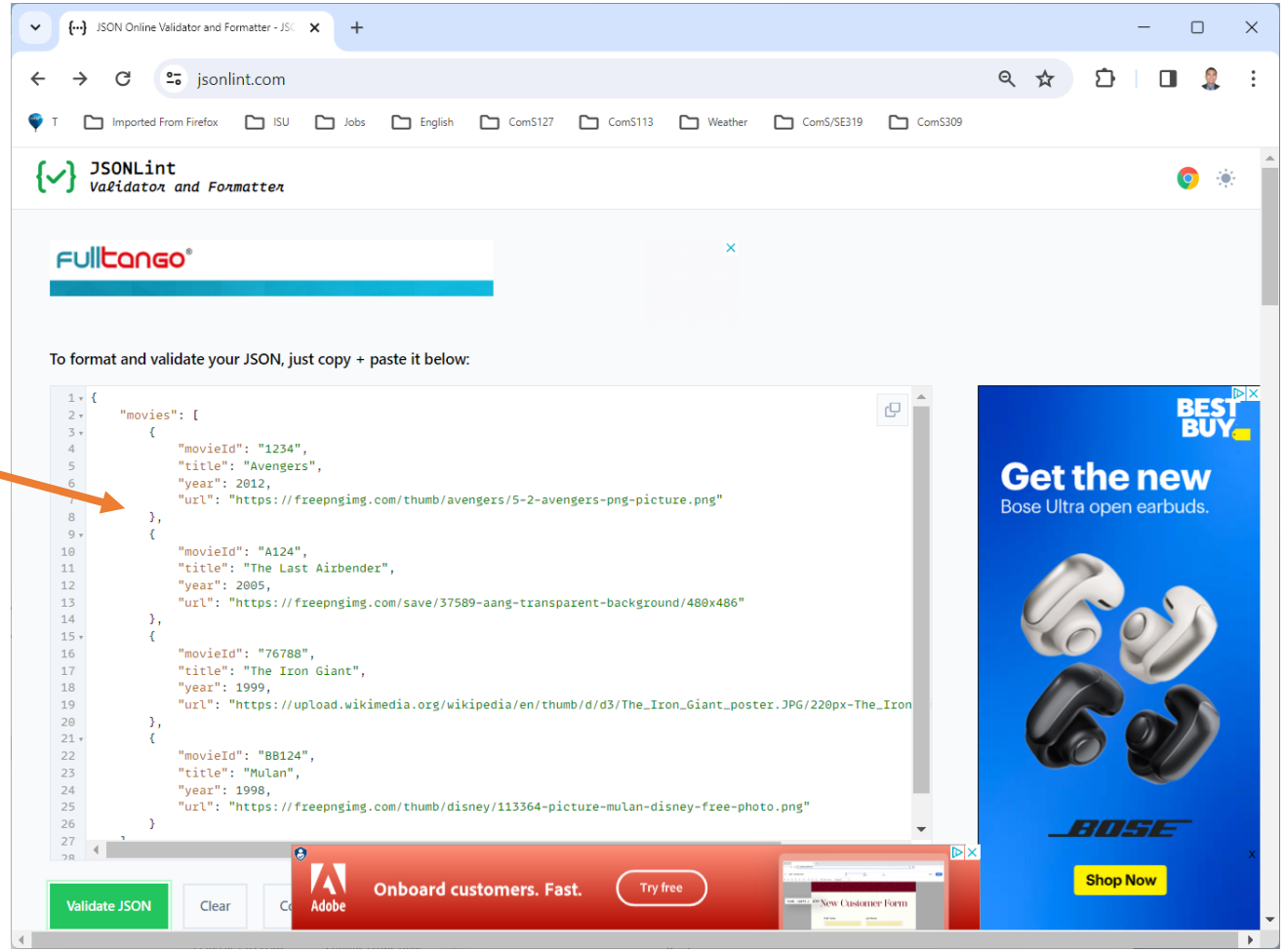
Given the next JSON file : MoviesFromJSON.json


```
{
  "movies": [
      {
          "movieId": "1234",
          "title": "Avengers",
          "year": 2012,
          "url": "https://freepngimg.com/thumb/avengers/5-2-avengers-png-picture.png"
      },
      {
          "movieId": "A124",
          "title": "The Last Airbender",
          "year": 2005,
          "url": "https://freepngimg.com/save/37589-aang-transparent-background/480x486"
      },
      {
          "movieId": "76788",
          "title": "The Iron Giant",
          "year": 1999,
          "url": "https://upload.wikimedia.org/wikipedia/en/thumb/d/d3/The_Iron_Giant_poster.JPG/220px-The_Iron_Giant_poster.JPG"
      },
      {
        "movieId": "BB124",
        "title": "Mulan",
        "year": 1998,
        "url": "https://freepngimg.com/thumb/disney/113364-picture-mulan-disney-free-photo.png"
    }
  ]
}
```

Test the JSON in https://jsonlint.com/ :

Open the given file `MoviesFromJSON.json`
And past it to the validator :





First .- Create a HTML : netId_Activity08_MoviesFromJSON.html

1) id="goodmovies" :

```
<body>
    <h1>List of movies, text and images from JSON file.</h1>

    <div id="goodmovies">  </div>


    <script src="./netId_Activity08_MoviesFromJSON.js"></script>
</body>
```

Second .- Create a Javascript : MoviesFromJSON.js

2) Fetch :

```
fetch("./netId_Activity08_MoviesFromJSON.json")
    .then(response => response.json())
    .then(myMovies => loadMovies(myMovies));
```

When we use fetch, we require a

http server

to execute the web page.

Remember the one previous exercise where we added superheroes to a web page : Superman, Batman and Spiderman.

We use a function to create the web page :

05_3_41_JSON_to_HTML_Fetch_persons.js

G: > My Drive > UI_319 > 05_3_41_JSON_to_HTML_Fetch_persons.js > ...

```
1
2   fetch('./05_3_41_persons.json')
3       .then(function (response) {
4           return response.json();
5       })
6       .then(function (data) {
7           appendMoreData(data);
8       })
9       .catch(function (err) {
10          console.log('error:' + err);
11      })
12
13  function appendMoreData(data) {
14      let mainContainer = document.getElementById("myData2");
15      for (let person of data) {
16          console.log(person);
17          let div = document.createElement("div");
18          div.innerHTML = `<br>
19          <h1> Superhero : </h1>
20          Firstname : ${person.firstName} <br>
21          Lastname  : ${person.lastName} <br>
22          Job       : ${person.job} <br>
23          Roll      : ${person.roll}`;
24          mainContainer.appendChild(div);
25      }
26  } // end of function appendData
```

Develop the function, use DOM statement getElementById :

3) Function loadMovies(myMovies) :

I saw you before

```
function loadMovies(myMovies) {
    var mainContainer = document.getElementById("goodmovies");
```

Your Professor will show the code if necessary to write, understand and execute it.

```
}
```


```
{
  "movies": [
    {
      "movieId": "1234",
      "title": "Avengers",
      "year": 2012,
      "url": "https://freepngimg.
    },
    {
      "movieId": "A124",
      "title": "The Last Airbende
      "year": 2005,
      "url": "https://freepngimg.
    },
    {
      "movieId": "76788",
      "title": "The Iron Giant",
      "year": 1999,
      "url": "https://upload.wiki
    },
    {
      "movieId": "BB124",
      "title": "Mulan",
      "year": 1998,
      "url": "https://freepngimg.co
    }
  ]
}
```

Show some results in the `console.log()`