

CSc 317

JSON, API



Tiobe rankings display

- <https://www.tiobe.com/tiobe-index/>
- Write an application to display TIOBE rankings, fetched from the web
- Steps:
 - Fetch the JSON file
 - Get elements with JSONObject
 - Display as shown in screenshot
 - <https://benjdd.com/courses/cs317/fall-2020/files/tiobe.json>



News API

<https://newsapi.org>

Will be used for next PA

News API

```
{ "status": "ok",  
  "totalResults": 50,  
  "articles": [  
    { "source": { "id": 123,  
                  "name": "somewebsite.com" },  
      "author": "First Last",  
      "title": "Article Title",  
      "description": "Description of the article",  
      "url": "https://...",  
      "urlToImage": "https://...",  
      "publishedAt": "2019-10-18T14:40:53Z",  
      "content": "A cut-off content . . . [+4281 chars]" }, ...  
  ]  
}
```

Change FetchJSON to display News

- Fetch recent news articles related to nintendo, display the authors and titles

