Polyfills

```javascript
function getElementsByCLassNameCustom(body, className) {
    const output = [];

    function recurse(el) {
        if(el == null) return; // base case
        if(el.classList.contains(className)) {
            output.push(el);
        }
        for(const child of el.children) {
            recurse(child);
        }
    }

    // we need to call recurse on all the children of body

    for(const bodyChild of body.children) {
        recurse(bodyChild);
    }

    return output;

}
```
▶

Homework

1. Write polyfills for `getElementById`, `getElementsByClassName`, `getElementsByTagName`, `map`, `filter`
2. https://fakestoreapi.com/docs , https://github.com/public-apis/public-apis - Make a frontend project
3.