Polyfill Methods

What is Pollyfill?

Polyfill is a piece of code, that developer expects from a browser to provide natively. If it's not available in the browser, you being a developer, use your logics and implement the solution.

Apply your own map, filter, reduce a or any method()

Map

map method is used to create a new array from an existing one by applying a function to each element of the existing array.

```javascript
Array.prototype.myMap = function(cb){
    let res = [];
    for(let i=0;i<this.length;i++)
    {
        res.push(cb(this[i],i,this));
    }
    return res;
}
```

Filter

filter method takes each element in an array and applies a conditional statement against it. If the condition is fulfilled, only then the element is pushed to the result array.

```javascript
Array.prototype.myFilter = function(cb){
    let res = [];
    for(let i=0;i<this.length;i++)
    {
        if(cb(this[i],i,this))
        res.push(this[i]);
    }
    return res;
}
```

Reduce

reduce method reduces an array of elements down to a single output value. reduce() takes 2 arguments: the callback function & an initial value.

```javascript
Array.prototype.myReduce =
function(cb,initialValue){
    var accumulator = initialValue;
    for(let i=0;i<this.length;i++)
      {
        accumulator = accumulator?
cb(accumulator,this[i],i,this)?this[i];
      }
        return accumulator;
}
```

Try and apply your own custom methods.

For more such insights connect with me :)

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