```
var data = [5,2,7,10];
```

```
function doubleIt(e) {
    return e * 2;
}
```

```
function map(elems, transformFn) {
    var result = [];
    for(var i = 0; i < elems.length; i++) {
        result.push(transform[elems[i]]);
    }

    return result;
}
```

```
[10, 4, 14, 20]
```

```
var newData = map(data, doubleIt);
```

```
var products = [
    {"id": 1, "name" : "Sony Bravia", "price": 218000.00, "category" : "tv"},
    {"id": 2, "name" : "iPhone 14", "price": 97000.00, "category" : "mobile"},
    {"id": 3, "name" : "Wacom", "price": 5000.00, "category" : "computer"},
    {"id": 4, "name" : "OnePlus nord", "price": 89000.00, "category" : "mobile"},
    {"id": 5, "name" : "Macbook pro", "price": 260000.00, "category" : "computer"}
]
```

```
function getName(e) {
    return e.name;
}
```

```
function map(elems, transformFn) {
    var result = [];
    for(var i = 0; i < elems.length; i++) {
        result.push(transformFn[elems[i]]);
    }

    return result;
}
```

```
["Sony Bravia",  "iPhone 14", "Wacom","OnePlus nord",  "Macbook pro" ]
```

```
var products = [
    {"id": 1, "name" : "Sony Bravia", "price": 218000.00, "category" : "tv"},
    {"id": 2, "name" : "iPhone 14", "price": 97000.00, "category" : "mobile"},
    {"id": 3, "name" : "Wacom", "price": 5000.00, "category" : "computer"},
    {"id": 4, "name" : "OnePlus nord", "price": 89000.00, "category" : "mobile"},
    {"id": 5, "name" : "Macbook pro", "price": 260000.00, "category" : "computer"}
]
```

```
function toCard(e) {
    return `
    <div class="card">
        <div class="cardHeader">
            ${e.name}
        </div>
        <div class="cardBody">
            ${e.price}, ${e.category}
        </div>
    </div>
}
```

```
function map(elems, transformFn) {
    var result = [];
    for(var i = 0; i < elems.length; i++) {
        result.push(transformFn(elems[i]));
    }
    return result;
}
```

```
map(products, toCard);
```