Javascript Notes

JSON Stringify:

```javascript
// Pick only some props
JSON.stringify(someJson, ["age", "email"]);
// → {"age":69,"email":"johndoe69@example.com"}

// For nested props like `name.first`, include them too
JSON.stringify(someJson, ["name", "mobile", "first", "last"]);
// → {"name":{"first":"John","last":"Doe"},"mobile":"+01-23456789"}

// Use a replacer function to exclude fields
JSON.stringify(someJson, (key, val) =>
  key === "houseNo" ? undefined : val
);
// → houseNo is excluded
```

JSON Parse:

```javascript
// Remove fields *while parsing*
JSON.parse(jsonStr, (key, val) =>
  ["age", "first", "houseNo"].includes(key) ? undefined : val
);

// → 'age', 'first', 'houseNo' are excluded
```

Map vs WeakMap:

- in `WeakMap` keys must be objects.
-

```
// Map vs WeakMap 🧹

let a = { id: "1" };
const map = new Map();
map.set(a, "Map data");          2 / 2
a = null;
console.log(map);
// Map still holds the object 🔥

let b = { id: "2" };
const weakMap = new WeakMap();
weakMap.set(b, "WeakMap data");
b = null;
console.log(weakMap);
// WeakMap releases the object if no strong reference 🧹
```