JavaScript Code

```javascript
//day 6 assignment - submitted by hamdan ahmad A

// shallow copy

//only first level of array data is copied and nested ones are still reference from original array and also changing copied one changes the original

const lwFighters = [{ name: "Conor" }, { name: "Khabib" }];
const shallow = [...lwFighters];

shallow[0].name = "McGregor";
console.log(lwFighters[0].name);


// deep copy

//copies everything and keeps it in new memory so change data in either one doesnt affect one another


const hwFighters = [{ name: "Jones" }, { name: "Miocic" }];
const deep = structuredClone(hwFighters);

deep[0].name = "Jon Jones";
console.log(hwFighters[0].name);
```