

Github: https://github.com/karan-1410/pui_6b

Hosting Link: `assignment6b-pui.web.app`

Reflection

In this assignment the toughest task for me was the part about local storage. After getting the local storage to work I had the issue of it not working when accessed through a hosting link. So I went to office hours. The issue was that I had the code break because the computer would read it as a null cart so I had to add an if statement that checks if there was information in the cart. Another thing that I struggled with was the deleting of items. It took me a lot of time to figure that out and then I realized that I had to splice it. I learned a lot about “stringifying”, “parsing” and other javascript stuff that I did not know before.

5 Concepts that I learned in this assignment

a) Local Storage

```
window.onload = function() {  
  if (localStorage.CART)  
    {cart =JSON.parse(localStorage.getItem("CART"));  
  
    var container = document.getElementById("cart");  
    console.log(cart);  
    for (i=0;i< cart.length; i++){  
      let y = `<div style="display: flex; justify-content: space-between">  
        <div style="text-align:left;font-size:24px;float:left" > ${cart[i].flavor} <  
        <div style="display: flex" >  
          <div style="padding-right: 50px"> ${cart[i].price}</div>  
          <div> ${cart[i].subscription}</div>  
          <button type= "button"onclick=deleteCart(${i})>X</button>  
        </div>  
      </div>`  
      container.insertAdjacentHTML("afterend",y)  
    }  
  }  
}
```

b) Splice function to use for deleting items

```
function deleteCart(i){
    cart.splice(i,1);
    var bigcontainer = document.getElementById("cartcontainer");
    bigcontainer.innerHTML = '<h4 style="text-align:left;font-weight:400;font-size: 35px;" id
    var container = document.getElementById("cart");
    for (i=0;i< cart.length; i++){
        let y = `<div style="display: flex; justify-content: space-between">
        <div style="text-align:left;font-size:24px;float:left" > ${cart[i].flavor} </div>
        <div style="display: flex" >
        <div style="padding-right: 50px"> ${cart[i].price}</div>
        <div> ${cart[i].subscription}</div>
        <button type= "button" onclick=deleteCart(${i})>X</button>
        </div>
        </div>`
        container.insertAdjacentHTML("afterend",y)
    }
}
```

c) Objects

```
function Smoothy(subscription, price){
    ...
    this.subscription = subscription;
    this.price = price;
    this.flavor = "Strawberry Banana";
}
```

d) String Literal

```
for (i=0;i< cart.length; i++){
    let y = `<div style="display: flex; justify-content: space-between">
    <div style="text-align:left;font-size:24px;float:left" > ${cart[i].flavor} </div>
    <div style="display: flex" >
    <div style="padding-right: 50px"> ${cart[i].price}</div>
    <div> ${cart[i].subscription}</div>
    <button type= "button"onclick=deleteCart(${i})>X</button>
    </div>
    </div>`
    container.insertAdjacentHTML("afterend",y)
}
```

e) Stringify and Parse for the use of JSON

```
cart.push(StrawBanana);  
localStorage.setItem("CART",JSON.stringify(cart))
```

```
{cart =JSON.parse(localStorage.getItem("CART"))};
```