URL:

Questions:

1. If you had an extra two weeks for this project, what feature(s) would you add.
   I would add more styling to the form.
2. The thing I like the least about Javascript is ...
   I don't like how unintuitive some of the syntax is (like forEach() and Date methods).

Code:

```javascript
<script>

    // UPDATING PRICES

    // get elements
    item_quants = document.querySelectorAll("td.selectQuantity select");
    item_subtotals = document.querySelectorAll("td.totalCost input");

    subtotal = document.querySelector("#subtotal")
    tax = document.querySelector("#tax")
    total = document.querySelector("#total")

    // initialize subtotals
    item_subtotals.forEach(e => {
        e.value = (0).toFixed(2);
        e.readOnly = true;
    });

    // update subtotals
    item_quants.forEach((e,i) => {
        e.addEventListener("change", function(){
            item_subtotals[i].value = (e.value * menuItems[i].cost).toFixed(2);
            updateTotals();
        });
    });

    // update final totals
    function updateTotals() {
        sum = 0.0;
        item_subtotals.forEach((e) => {
            sum = sum + parseFloat(e.value);
        })
```

```javascript
        subtotal.value = sum.toFixed(2);

        subtotal.readOnly = true;

        tax.value = (subtotal.value * 0.0625).toFixed(2);

        tax.readOnly = true;

        total.value = (parseFloat(subtotal.value) + parseFloat(tax.value)).toFixed(2);

        total.readOnly = true;

    }



// SHOW/HIDE ADDRESS FIELDS

// get elements
pd = document.getElementsByName("p_or_d");
address = document.querySelectorAll(".userInfo.address")

// check which option is currently selected
function showHideAddress() {
    if (pd[0].checked) {
            address.forEach(e => {
                e.style.display = "None";
            });
        }
        else if (pd[1].checked) {
            address.forEach(e => {
                e.style.display = "";
            });
        }
}

// check when page is loaded, then on any change events
showHideAddress()
pd.forEach(e => {
    e.addEventListener('change', function() {showHideAddress()})
});



// ALIGN LABELS

// get elements, set style property
labels = document.querySelectorAll("label");
labels.forEach(e => {
```

```javascript
        e.style.width = '10em';
        e.style.display = 'inline-block'
});


// VALIDATE/SUBMIT

// get elements
submit = document.querySelector("input[value='Submit Order']")
userinfo = document.querySelectorAll(".userInfo input")

submit.addEventListener('click', function() { validate(); })

function validate() {

    // validate name is entered
    if (userinfo[0].value=='' || userinfo[1].value=='') {
            alert("Enter your full name");
            return;
    }
    // validate address is entered
    if (pd[1].checked) {
        if (userinfo[2].value=='' || userinfo[3].value=='') {
            alert("Enter an address for delivery");
            return;
        }
    }
    // validate phone number
    phone = userinfo[4].value;
    // regex for 7 or 10 digits, any number of non digit characters in between
    if (!(/^\D*(\d\D*){7}$/.test(phone) || /^\D*(\d\D*){10}$/.test(phone))) {
        alert("Invalid phone number");
        return;
    }
    // validate some item ordered
    if (total.value==0) {
        alert("Order at least one item");
        return;
    }


    // calculate pickup/delivery time
```

```javascript
        dnow = new Date()
        if (pd[0].checked) {
            eta = new Date(dnow.getTime()+(15*60*1000))
            timedisplay = "Pickup: " + eta.toLocaleTimeString();
        }
        else if (pd[1].checked) {
            eta = new Date(dnow.getTime()+(45*60*1000))
            timedisplay = "Delivery: " + eta.toLocaleTimeString();
        }


        // html for (items/quantity/cost for each/subtotals/tax/total) and the pickup or delivery time.
        orderdetails = "<h1>Order Details</h1> <h2>" + timedisplay + "</h2>";


        item_subtotals.forEach((e,i) => {
            orderdetails += "<p><span class='item'>" + menuItems[i].name + "</span><span
class='dots'></span><span class='price'>$" + e.value + "</span></p>"
        })


        orderdetails += "<br />" +
        "<p> <span class='item'>Subtotal</span><span class='dots'></span><span class='price'>$" +
subtotal.value + "</span></p>" +
        "<p> <span class='item'>Tax</span><span class='dots'></span><span class='price'>$" + tax.value
+ "</span></p>" +
        "<p> <span class='item'>Total</span><span class='dots'></span><span class='price'>$" +
total.value + "</span></p>";


        // write html to new window
        w = window.open(target='_blank');
        // stylesheet from joes hotdogs ouo
        w.document.write("<link rel='stylesheet' href='../Assignment4_JS/style.css' />")
        w.document.write(orderdetails);
        w.alert("Thank you for your order! See receipt below")
    }

</script>
```