```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
        <meta http-equiv="Content-Type" content="text/html;
charset=utf-8" />
        <meta name="viewport" content="width=device-width, initial-
scale=1.0">
        <link rel="stylesheet" href="./main.css">
        <link rel="shortcut icon" href="./icon.png" type="image/x-
icon">
        <title> Jade Delight </title>
        <!-- my scripting -->
        <script>
                function printValues() {
                        /* if values are edited, updates all*/
                        var x      =
document.getElementsByTagName("select");
                        var costs =
document.getElementsByName("cost");
                        for (i = 0; i < x.length; i++) {
                                var num   = x[i].value;
                                var total = num *
menuItems[i].cost.toFixed(2);
                                costs[i].value = total.toFixed(2);
                        }

                        /* updates total costs according to price
changes */
                        var subtotal = 0;
                        for (i = 0; i < menuItems.length; i++) {
                                subtotal +=
parseFloat(costs[i].value);
                        }
                        document.getElementById("subtotal").value =
subtotal;
                        document.getElementById("tax").value      =
parseFloat(subtotal * 0.0625).toFixed(2);
                        document.getElementById("total").value    =
parseFloat(subtotal * 1.0625).toFixed(2);
                }
        </script>
</head>

<body>
        <!-- javascript for reading/ordering foods -->
        <script language="javascript">
                function MenuItem(name, cost)
                {
                        this.name = name;
```

```
                    this.cost = cost;
            }

            menuItems = new Array(
                    new MenuItem("Chicken Chop Suey", 4.5),
                    new MenuItem("Sweet and Sour Pork", 6.25),
                    new MenuItem("Shrimp Lo Mein", 5.25),
                    new MenuItem("Moo Shi Chicken", 6.5),
                    new MenuItem("Fried Rice", 2.35)
            );

            function makeSelect(name, minRange, maxRange)
            {
                    var t= "";
                    t = "<select name='" + name + "' size='1'>";
                    for (j=minRange; j<=maxRange; j++)
                        t += "<option>" + j + "</option>";
                    t+= "</select>";
                    return t;
            }
    </script>

    <h1> <a href="./jade_delight.html">Jade Delight</a></h1>
    <nav>
            <ul>
                    <li><a href="#"> Order </a></li>
                    <li><a href="#"> Menu </a></li>
            </ul>
    </nav>
    <main>
            <!-- form for ordering -->
            <form>
                    <div id="required"></div>
                    <div class="form-container">
                            <div class="form-input">
                                    <p> First Name: <input
type="text"  name='fname' /> </p>

                                    <p> Last Name*: <input
type="text"  name='lname' /> </p>

                                    <p> Street: <input
type="text"  name='street' /> </p>
                                    <p> City: <input type="text"
name='city' /> </p>
                                    <p> Phone*: <input
type="text"  name='phone' /> </p>
                                    <p>
                                            <input type="radio"
name="p_or_d" value = "pickup" checked="checked"/> Pickup
```

```html
                                                <input type="radio"
name='p_or_d' value = 'delivery'/> Delivery
                                        </p>
                                </div>
                        </div>

                        <!-- Table -->
                        <table border="0" cellpadding="3">
                                <tr>
                                        <th> Select Item </th>
                                        <th> Item Name    </th>
                                        <th> Cost Each    </th>
                                        <th> Total Cost  </th>
                                </tr>
                                <script language="javascript">
                                        var s = "";
                                        for (i=0; i<
menuItems.length; i++) {
                                                s += "<tr><td>";
                                                s +=
makeSelect("quan" + i, 0, 10);
                                                s += "</td><td>" +
menuItems[i].name + "</td>";
                                                s += "<td> $ " +
menuItems[i].cost.toFixed(2) + "</td>";
                                                s += "<td>$<input
type='text' name='cost'/></td></tr>";
                                        }
                                        document.writeln(s);
                                </script>

                                <!-- script to insert onChange
events  -->
                                <script>
                                        var x =
document.getElementsByTagName("select");
                                        var y =
document.getElementsByName("cost");
                                        for (i = 0; i < x.length; i+
+) {
x[i].setAttribute("onchange", "printValues()");

y[i].setAttribute("value", "");
                                        }
                                </script>
                        </table>

                        <div class="total-cont">
                                <div class="total-outputs">
```

```html
                                        <p>
                                                Subtotal: $<input
type="text"  name='subtotal' id="subtotal" />
                                        </p>
                                        <p>
                                                Mass tax 6.25%:
$<input type="text"  name='tax' id="tax" />
                                        </p>
                                        <p>
                                                Total: $<input
type="text"  name='total' id="total" />
                                        </p>
                                </div>
                        </div>
                                <input type = "submit" value =
"Submit Order" onclick="return verify()"/>
                </form>
        </main>

        <!-- footer -->
        <footer>
                <div class="footer-item">Locations</div>
                <div class="footer-item">Health & Safety <br>

Policies</div>
                <div class="footer-item">About</div>
                <div class="footer-item">&copy; Xavier Mojica 2020 </
div>
        </footer>
        <script>
                for (i = 0; i < menuItems.length; i++) {
                        var x = document.getElementsByName("quan" +
i);
                        console.log(x[0].value);
                }
                function verify() {
                        var x = true;
                        document.getElementById("required").innerHTML
= "";

                        /* checking required fields (GENERAL) */
                        if (document.getElementsByName("lname")
[0].value == "") {

document.getElementById("required").innerHTML += "Please enter a last
name. <br>";
                                x = false;
                        }
                        if (document.getElementsByName("phone")
[0].value == "" || !checkNumber()) {
```

```
document.getElementById("required").innerHTML += "Please enter a phone
number in the following format: <br>" +

"123-456-7890 <br>";
                                        x = false;
                        }
                        /* checking required fields (DELIVERY ONLY)
*/
                        if (!document.getElementsByName("p_or_d")
[0].checked) {
                                if
(document.getElementsByName("street")[0].value == "") {

document.getElementById("required").innerHTML += "Please enter a
street name. <br>";
                                        x = false;
                                }
                                if
(document.getElementsByName("city")[0].value == "") {

document.getElementById("required").innerHTML += "Please enter a city.
<br>";
                                        x = false;
                                }
                        }

                        if (x) {
                                callTimer();
                        }
                        return false;

                }
        </script>

        <script>
                function checkNumber() {
                        var num = document.getElementsByName("phone")
[0].value;
                        var split_num = num.split("-");
                        var check = true;
                        if ((split_num[0].length != 3) ||
(split_num[1].length != 3) || (split_num[2].length != 4)) {
                                check = false;
                        }

                        return check;
                }
                function callTimer() {
```

```javascript
                              var additional_mins = 0;
                              /* check if delivery is checked */
                              if (document.getElementsByName("p_or_d")
[0].checked) {

                                      additional_mins = 15;
                              } else {
                                      additional_mins = 30;
                              }

                              /* adjust time */
                              var day   = new Date();
                              var hours = 0;
                              var minutes = parseInt(day.getMinutes()) +
additional_mins;

                              if (minutes >= 60) {
                                      hours = 1;
                                      minutes = minutes % 60;
                                      if (minutes < 10) {
                                              minutes = "0" + minutes;
                                      }
                              }
                              hours += day.getHours();
                              hours = hours % 24;

                              var time = hours + ":" + minutes;
                              var total =
document.getElementById("total").value;
                              alert("Thank you for your order!\r\n" + "Your
total is " + total +"\r\n" +"Your order will be ready at " + time +
"!");
                      }
            </script>
</body>
</html>


**************************************************
CSS:
@import url("https://fonts.googleapis.com/css?family=Montserrat|
Domine&display=swap");
* {
  margin: 0;
  -webkit-box-sizing: border-box;
          box-sizing: border-box;
  font-family: "Domine", "Arial", sans-serif;
}

body {
  background: -webkit-gradient(linear, left top, left bottom,
from(#5e9adb), to(#263d6d));
```

```css
  background: linear-gradient(#5e9adb, #263d6d);
  background-repeat: no-repeat;
  position: relative;
}

h1 {
  font-family: "Montserrat", "Arial", sans-serif;
  font-size: 2.5em;
  padding: 0.5em;
  background-color: #263d6d;
  color: #11a8ca;
  width: 100%;
  text-align: center;
}

h1 a {
  text-decoration: none;
  color: inherit;
}

/
***********************************************************************
*******/
nav {
  position: -webkit-sticky;
  position: sticky;
  top: 0;
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -ms-flex-wrap: wrap;
      flex-wrap: wrap;
  background-color: #263d6d;
  color: #11a8ca;
  -webkit-box-shadow: 0px 6px 5px #192847;
          box-shadow: 0px 6px 5px #192847;
}

nav ul {
  width: 100%;
}

nav ul li {
  float: right;
  list-style-type: none;
  padding: 1.5em;
  height: 100%;
}

nav ul li a {
```

```css
  height: 100%;
  color: #279ab4;
  text-decoration: none;
  cursor: not-allowed;
}

nav ul li a:hover {
  color: #cff4fc;
}

/
**********************************************************************
*******/
main {
  margin: 2em auto;
  max-width: 85%;
  min-height: 85vh;
}

form {
  background-color: #88b4e4;
  border-radius: 0.5em;
  padding: 1em 1em;
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -ms-flex-wrap: wrap;
      flex-wrap: wrap;
  -webkit-box-pack: center;
      -ms-flex-pack: center;
          justify-content: center;
}

form #required {
  width: 100%;
  text-align: center;
  font-weight: 800;
  color: #ec0e0e;
}

form .form-container {
  width: 100%;
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -ms-flex-wrap: wrap;
      flex-wrap: wrap;
  -webkit-box-pack: center;
      -ms-flex-pack: center;
          justify-content: center;
```

```css
}

form .form-container .form-input {
  width: 100%;
  text-align: center;
}

form .total-cont {
  width: 100%;
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -ms-flex-wrap: wrap;
      flex-wrap: wrap;
  -webkit-box-pack: center;
      -ms-flex-pack: center;
          justify-content: center;
}

form p {
  margin: 0.5em;
  width: 100%;
}

/* table */
table {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -ms-flex-wrap: wrap;
      flex-wrap: wrap;
  justify-items: center;
}

/
***************************************************************************
*******/
footer {
  background-color: #192847;
  color: #80dff4;
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -ms-flex-wrap: wrap;
      flex-wrap: wrap;
  -webkit-box-pack: center;
      -ms-flex-pack: center;
          justify-content: center;
  width: 100%;
}
```

```
footer .footer-item {
  text-align: center;
  margin: 1em 0;
  width: 33%;
}
```