

CSC 5750 – Principles of Web Technology

Homework 1 – [your name]

25 points – Due September 19, 6pm

Late deadline is September 21, 11:59pm, but 20% off

- a) Save this document with your name and the homework number somewhere in the file name.
- b) Paste your code and screenshots into the document.
- c) Gather the following files into a ZIP file with your name and the homework number somewhere in the file name:
 - This document
 - All HTML files
 - All CSS files
 - Image files
 - Any other optional files specific to your implementation
- d) Submit the ZIP file to Canvas where you downloaded this document.

You've been hired by *Door Crash*, a service that delivers food from local restaurants to customer residences. Create a web site that has the following three web pages:

- A **Main page** that contains general information about the service including its:
 - ✓ Name
 - ✓ Contact information including address, phone, and order page
 - ✓ Restaurants that customers may order from
 - ✓ Delivery area
 - ✓ Delivery modes (car, scooter, bike, etc.)
 - ✓ Hours of service
 - ✓ Location shown on a map image (assume one location)
 - ✓ History and owners
- A **Restaurant page** that shows in tabular format at least four restaurants that customers may order from. For each restaurant (one per row), include:
 - ✓ Four food items and their prices available from that restaurant.
 - ✓ Estimated time of delivery from that restaurant.
 - ✓ Delivery mode
 - ✓ Restaurant image/logo
- An **Order page** that provides the user a form that enables them to order an item from a restaurant for delivery. The form includes:
 - ✓ Customer name
 - ✓ Customer address
 - ✓ Customer phone
 - ✓ Restaurant
 - ✓ Restaurant item

✓ Restaurant item quantity

Define the form to use method **get** and action.

When creating the pages, begin with the HTML templates (main and other) provided on Canvas. Place a header with page title(s) at the top of each page. Place a footer with the delivery service address and telephone number at the bottom of each page. Include copyright text in the footer. Incorporate the following HTML elements on each page:

- Comments (header and body).
- A title in the <head> section.
- Tags around all textual content (<label>, <p>, or other tag) if no other tag used.
- At least two of the six pre-defined heading styles.
- At least two of the quick styling tags: , <i>, and <u>.
- Links to the other two pages in a menu.
- Horizontal ruler(s).
- **Main page:** use div tags to format the page into three or more panels. Use Google or Leaflet to render the map. Use a marker to show the delivery service location.
- **Restaurant page:** use DataTables to render a table with four rows and four columns.
- **Order page:** use self-validating HTML controls wherever appropriate.

Place all styling attributes in a separate CSS file and connect it to the three HTML pages. When creating the CSS page, begin with the CSS template provided on Canvas. Include the following properties in the CSS file:

- Background properties
- Font properties
- Text properties
- Color properties
- Padding properties
- At least three .class styles.
- At least one :hover style.

Note: use only relative links, not absolute links, to other files on your web site. This means there should be no drive letters or absolute paths, only relative paths, in your file references. You can test this by zipping your web site files, unzipping them in another folder, and then running your web site. There should be no linking errors if you used only relative links. The best approach is to put all web site files in one folder.

Main page

*[your Main page HTML code here]**

```
<!DOCTYPE html>
<html>

<!--=====
//
// Web site: Door Crash
// Web page: MainPage
// Course:   CSC 5750
// Homework: 1
// Author:   Eythan Fellous
// Date:     09/19/2019
// Description:
//   <brief description of web site and web page including its inputs,
// processing, and outputs>
//
//=====-->

<head>

    <title>Main Page</title>
    <meta charset="UTF-8">
    <meta name="author" content="Eythan Fellous"/>
    <meta name="description" content="Homework 1"/>
    <meta http-equiv="Expires" content="-1">
    <link rel="stylesheet" type="text/css" href="style.css">
    <script type="text/javascript">

        //=====
        // SomeFunction
        //=====
        function SomeFunction()
        {
        }

    </script>

</head>

<body>

    <!-- Header Tab -->
    <div>
        <ul class="navbar">
            <li class="inlineDisplay"><a href="MainPage.html">Main Page</a></li>
            <li class="inlineDisplay"><a href="RestaurantPage.html">Restaurant</a></li>
            <li class="inlineDisplay"><a href="OrderPage.html">Order</a></li>
```

```
        </ul>
    </div>

    <!--Main Content-->
    <div>
        <h1>Contact Information</h1>
        <p>Address : 655 W Kirby St Detroit</p>
        <p>Phone : +1 313 456 4323</p>
        <p>If you want to order follow this link <a href="OrderPage.html">Order page</a>
    </p>
    </div>

    <div>
        <h1>Our Restaurant Partners</h1>
        <ul>
            <li>Dunkin Donuts</li>
            <li>Culver's</li>
            <li>McDonald's</li>
            <li>Shield's Pizza</li>
        </ul>
    </div>

    <div>
        <h1>We Deliver Here !</h1>
        <ul>
            <li>Detroit</li>
            <li>Paris, France</li>
            <li>Nothville</li>
            <li>Wayne State ( WARRIOR STRONG ! )</li>
        </ul>
    </div>

    <div>
        <h1>Our delivery Method</h1>
        <ul>
            <li>Scooter</li>
            <li>Bike</li>
        </ul>
    </div>

    <div>
        <h1>When can your order food ?</h1>
        <p>You can order food from 11pm to 11am 7 days per week</p>
    </div>

    <div>
        <h1>Want to join us ?</h1>
        <div class="mapouter">
            <div class="gmap_canvas">
```

```

        <iframe width="600" height="500" id="gmap_canvas" src="https://maps.google.com/maps?q=655%20W%20Kirby%20st%20detroit&t=k&z=13&ie=UTF8&iwloc=&output=embed" frameborder="0" scrolling="no" marginheight="0" marginwidth="0"></iframe>
    </div>
    <style>.mapouter{position:relative;text-align:right;height:500px;width:600px;}.gmap_canvas {overflow:hidden;background:none!important;height:500px;width:600px;}
    </style>
</div>
<div>
    <h1>More about us</h1>
    <p>Our company was born in 2001 in Detroit, we were a little italian Restaurant</p>
    <p>In 2010 we had and idea. We wanted to delivery food using a website.</p>
    <p>This idea was so big that now we have multiples partners who using our website where you can order for.</p>
    <p>Our owners are : Eythan "the frenchie" Fellous and Charles "the brain" Ponc</p>
</div>

<!--Footer -->
<h2>Contact</h2>
<footer>
    <p>655 W Kirby St : +1 313 456 4323</p>
    <p>&copy; 2019 Eythan Fellous : Door Crash</p>
</footer>
</body>
</html>

```

*[your Main page screenshot here]***

Contact Information

Address : 655 W Kirby St Detroit

Phone : +1 313 456 4323

If you want to order follow this link [Order page](#)

Our Restaurant Partners

- Dunkin Donuts
- Culver's
- McDonald's
- Shield's Pizza

We Deliver Here !

- Detroit
- Paris, France
- Nothville
- Wayne State (WARRIOR STRONG !)

Our delivery Method

- Scooter
- Bike

When can your order food ?

Restaurant page

*[your Restaurant page HTML code here]**

```
<!DOCTYPE html>
<html>

<!--=====
//
// Web site: Door Crash
// Web page: Restaurant Page
// Course:   CSC 5750
// Homework: 1
// Author:   Eythan Fellous
// Date:     09/19/2019
// Description:
//   <brief description of web site and web page including its inputs,
// processing, and outputs>
//
//=====-->

<head>

    <title>Restaurant</title>
    <meta charset="UTF-8">
    <meta name="author" content="[name]"/>
    <meta name="description" content="[application title]"/>
```

```

<meta http-equiv="Expires" content="-1">
<link rel="stylesheet" type="text/css" href="style.css">
  <script type="text/javascript">

    //=====
    // SomeFunction
    //=====
    function SomeFunction()
    {
    }

  </script>

</head>

<body>

  <!-- Header Tab -->
  <div class="NavigationTab">
    <ul class="navbar">
      <li class="inlineDisplay"><a href="MainPage.html">Main Page</a></li>
      <li class="inlineDisplay"><a href="RestaurantPage.html">Restaurant</a></li>
      <li class="inlineDisplay"><a href="OrderPage.html">Order</a></li>
    </ul>
  </div>

  <!--Main Content-->
  <h1>Here are our restaurant informations !</h1>

  <table>
    <tr>
      <th>Restaurant</th>
      <th>Food and Prices</th>
      <th>Time Delivery</th>
      <th>Delivery Mode</th>
      <th>Brand</th>
    </tr>
    <tr>
      <td>Dunkin Donut's</td>
      <td>
        <ul>
          <li>10 Cream Donuts : 10$</li>
          <li>Cafe gourmand : 10$</li>
          <li>Complete Breakfast : 15$</li>
          <li>Mini Hamburger : 3$</li>
        </ul>
      </td>
      <td>ETD : 15 minutes</td>
      <td>Bike</td>
      <td></td>
    </tr>
  </table>

```

```

<tr>
<td>Culver's</td>
<td>
<ul>
<li>Atlantic Cod Sandwich : 4$</li>
<li>French Fries : 2$</li>
<li>Hamburger : 3$</li>
<li>Double Cheese Burger : 4$</li>
</ul>
</td>
<td>ETD : 20 minutes</td>
<td>Bike and Cycle</td>
<td></td>
</tr>
<tr>
<td>McDonald's</td>
<td>
<ul>
<li>Menu Maxi Best of Big Mac : 7$</li>
<li>Filet O Fish : 4$</li>
<li>Big Tasty : 4$</li>
<li>Mc Flurry : 2$</li>
</ul>
</td>
<td>ETD: 10 minutes</td>
<td>Cycle</td>
<td></td>
</tr>
<tr>
<td>Shield's Pizza</td>
<td>
<ul>
<li>Large Pizza : 9$</li>
<li>Onion Bread : 6$</li>
<li>Medium Meat Pizza : 8$</li>
<li>Beverages : 1$</li>
</ul>
</td>
<td>ETD : 25 minutes</td>
<td>Cycle and Bike</td>
<td></td>
</tr>
</table>
<!--Footer -->
<h2>Contact</h2>
<footer>
<p>655 W Kirby St : +1 313 456 4323</p>
<p>&copy; 2019 Eythan Fellous : Door Crash</p>
</footer>
</body>





```


</html>

*[your Restaurant page screenshot here]**`*

[Main Page](#) [Restaurant](#) [Order](#)

Here are our restaurant informations !

Restaurant	Food and Prices	Time Delivery	Delivery Mode	Brand
Dunkin Donut's	<ul style="list-style-type: none">• 10 Cream Donuts : 10\$• Cafe gourmand : 10\$• Complete Breakfast : 15\$• Mini Hamburger : 3\$	ETD : 15 minutes	Bike	
Culver's	<ul style="list-style-type: none">• Atlantic Cod Sandwich : 4\$• French Fries : 2\$• Hamburger : 3\$• Double Cheese Burger : 4\$	ETD : 20 minutes	Bike and Cycle	
McDonald's	<ul style="list-style-type: none">• Menu Maxi Best of Big Mac : 7\$• Filet O Fish : 4\$• Big Tasty : 4\$• Mc Flurry : 2\$	ETD : 10 minutes	Cycle	
Shield's Pizza	<ul style="list-style-type: none">• Large Pizza : 9\$• Onion Bread : 6\$• Medium Meat Pizza : 8\$• Beverages : 1\$	ETD : 25 minutes	Cycle and Bike	

Contact

Order page

*[your Order page HTML code here]**

```
<!DOCTYPE html>
<html>

<!--=====
//
// Web site: Door Crash
// Web page: Order Page
// Course:   CSC 5750
// Homework: 1
// Author:   Eythan Fellous
// Date:     09/19/2019
// Description:
//   <brief description of web site and web page including its inputs,
//   processing, and outputs>
//
//=====-->

<head>

    <title>Order</title>
    <meta charset="UTF-8">
    <meta name="author" content="Eythan Fellous"/>
    <meta name="description" content="Homework 1"/>
    <meta http-equiv="Expires" content="-1">
```

```

<link rel="stylesheet" type="text/css" href="style.css">
<script type="text/javascript">

    //=====
    // SomeFunction
    //=====
    function SomeFunction()
    {
    }

    function populate(s1,s2){
    var s1 = document.getElementById(s1);
    var s2 = document.getElementById(s2);
    s2.innerHTML = "";

    if (s1.value == "Dunkin Donut's"){
        var optionArray = ["|","|10 Cream Donuts : 45 left", "|Cafe gourmand : 2 left"
, "|Complete Breakfast : 6 left", "|Mini Hamburger : 43 left"];
    } else if (s1.value == "Culver's"){
        var optionArray = ["|","|Atlantic Cod Sandwich : 4 left","|French Fries : Unli
mited left", "|Hamburger : 9 left", "|Double Cheese Burger : 3 left"];
    } else if (s1.value == "McDonald's"){
        var optionArray = ["|","|Menu Maxi Best of Big Mac : 4 left","|Filet O Fish :
10 left", "|Big Tasty : 14 left", "|Mc Flurry : 45 left"];
    }
    else if (s1.value == "Shield's Pizza") {
        var optionArray = ["|", "large|Large Pizza : 10 left", "|Onion Bread : 3 left"
, "|Medium Meat Pizza : 5 left", "|Beverages : Unlimited left"];
    }
    for(var option in optionArray){
        var pair = optionArray[option].split("|");
        var newOption = document.createElement("option");
        newOption.value = pair[1];
        newOption.innerHTML = pair[1];
        s2.options.add(newOption);
    }
}

</script>

</head>

<body>
    <!-- Header Tab -->
    <div class="NavigationTab">
        <ul class="navbar">
            <li class="inlineDisplay"><a href="MainPage.html">Main Page</a></li>
            <li class="inlineDisplay"><a href="RestaurantPage.html">Restaurant</a></li>
            <li class="inlineDisplay"><a href="OrderPage.html">Order</a></li>
        </ul>
    </div>

```

```

<!--Content Form-->
<form action="http://www.tipjar.com/cgi-bin/test" method="GET">
  First name:<br>
  <input type="text" name="firstname">
  <br>
  Last Name:<br>
  <input type="text" name="lastname">
  <br>
  Address:<br>
  <input type="text" name="address">
  <br>
  Phone:<br>
  <input type="number" name="phone">
  <br>
  Restaurant:<br>
  <select id="restaurant" name="restaurant" size="1" onchange="populate(this.id
, 'items')">
    <option value=""> </option>
    <option value="Dunkin Donut's">Dunkin Donut's</option>
    <option value="Culver's">Culver's</option>
    <option value="McDonald's">McDonald's</option>
    <option value="Shield's Pizza">Shield's Pizza</option>
  </select>
  <br>
  Restaurant Item:<br>
  <select id="items" name="items" size="1"></select>
  <br>
  <input type="submit" value="Order">
</form>
<!--Footer -->
<h2>Contact</h2>
<footer>
  <p>655 W Kirby St : +1 313 456 4323</p>
  <p>&copy; 2019 Eythan Fellous : Door Crash</p>
</footer>
</body>

</html>

```

*[your Order page screenshot here]***

[Home](#) | [About Us](#) | [Contact](#)

First name:

Last Name:

Address:

Phone:

Restaurant:

Restaurant Item:

Order

Contact

655 W Kirby St : +1 313 456 4323

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*[your www.tipjar.com/cgi-bin/test response screenshot here]***

REMOTE_PORT is 55390
HTTP_USER_AGENT is Mozilla/5.0 (Macintosh; Intel Mac OS X 10.14; rv:69.0) Gecko/20100101 Firefox/69.0
SERVER_PORT is 80
SERVER_SIGNATURE is
HTTP_ACCEPT_LANGUAGE is fr,fr-FR;q=0.8,en-US;q=0.5,en;q=0.3
HTTP_UPGRADE_INSECURE_REQUESTS is 1
REMOTE_ADDR is 35.16.80.103
SERVER_PROTOCOL is HTTP/1.1
PATH is protected by TipJar.com security
REQUEST_URI is /cgi-bin/test?firstname=Eythan&lastname=Fellous&address=655+W+Kirby+Street&phone=3134567654&restaurant=Dunkin+Donut%27s&items=10+Cream+Donuts+%3A+45+left
GATEWAY_INTERFACE is CGI/1.1
SERVER_ADDR is 64.62.228.52
DOCUMENT_ROOT is protected by TipJar.com security
HTTP_HOST is www.tipjar.com
UNIQUE_ID is XYPvUEA@5DQAAC-DV9EAAAAD

this is the cookie list:

this is the standard input:

These are the cgi data:

KEY	VAL	DEPAQUED
firstname	Eythan	Eythan
lastname	Fellous	Fellous
address	655+W+Kirby+Street	655 W Kirby Street
phone	3134567654	3134567654
restaurant	Dunkin+Donut%27s	Dunkin Donut's
items	10+Cream+Donuts+%3A+45+left	10 Cream Donuts : 45 left

Advertisements:

THERE IS LIGHT AT THE END OF THE TUNNEL OF SHAM

pay2send.com

where you, and only you, say what you have opted into.

[pay2send.com, where you and only you say what you have opted into](#)

CSS file

*[your CSS code here]**

```
.navbar {
  list-style-type: none;
  margin: 0;
  padding: 0;
  overflow: hidden;
  background-color: blue;
}
```

```

.inlineDisplay {
    float: left;
    display: block;
    color: white;
    text-align: center;
    padding: 14px 16px;
    text-decoration: none;
}

.inlineDisplay:hover {
    background-color: white;
}

table {
    font-family: Arial, sans-serif;
    border-collapse: collapse;
    width: 100%;
}

td, th {
    border: 1px solid #dddddd;
    text-align: left;
    padding: 8px;
}

tr:nth-child(even) {
    background-color: #dddddd;
}

```

* Copying-and-pasting web page code to a Word document

macOS

- 1) From within the HTML editor window, press **command-A** and press **command-C**.
- 2) From within the Word document, press **command-V**.

Windows

- 1) From within the HTML editor window, press **CTRL-A** and press **CTRL-C**.
- 2) From within the Word document, press **CTRL-V**.

** Copying-and-pasting a web page to a Word document

macOS

- 1) From the browser window, press **shift-command-4-space**.
- 2) From within the Word document, **command-V**.

Windows

- 1) From the browser window, press **ALT-PrintScreen**.
- 2) From within the Word document, press **CTRL-V**.