

URL: https://miraj.sgedu.site/Two_Owls/index.php

Questions:

1. Do you prefer Javascript or PHP – and why?
I prefer Javascript because it is more like the programming languages I am used to.
2. How could you have used PHP to enhance your midterm project?
We could have had our signup form create a new user in a database.

Code:

index.php

```
<!doctype html>
<html>
<head>
<meta charset="utf-8">
<title>Two Owls Cafe - Menu</title>
<style>
    html,body,select {font-size: 25px;}
    h1 {margin-bottom:0px}
    h2 {margin-top:0px}
    table {width:80%; max-width:800px}
    td {text-align:center; width:200px; border-bottom:1px dotted}
    td:first-child {max-width:100px}
    td:last-child {max-width:100px}
    a.home{text-decoration: none; color: black;}
</style>
</head>

<body>

<a href='./orders_admin.php'>Admin</a>
<a class='home' href='./index.php'><h1>Two Owls Cafe</h1></a>
<h2>Hours: 8pm - 3am Daily</h2>
<h3>Menu</h3>

<form method="get" id="form1" action="order_details.php">
    <table border="0" cellpadding="3">
        <tr>
            <th>Quantity</th>
            <!-- <th></th> -->
            <th>Item</th>
            <th>Cost</th>
```

```

    </tr>
<?php
    //establish connection info
    $server = "35.212.65.183";
    $userid = "u0qw5mzxxutfs";
    $pw = "k1nwmps94r8z";
    $db = "dbvbgpkarre4xg";
    $conn = new mysqli($server, $userid, $pw, $db);

    // get data
    $sql = "SELECT * from menu_items ORDER BY name";
    $result = $conn->query($sql);

    // display data
    foreach ($result as $rowid=>$rowdata) {
        echo "<tr>";
        echo "<td class='selectQuantity'><select name='quant_". $rowdata["id"]."' size='1'>";
        for ($i = 0; $i <= 10; $i++) {
            echo "<option>".$i."</option>";
        }
        echo "</select></td>";
        // echo "<td><img width=50px src=./test_img.jpg".$rowdata["image"]."></td>";
        echo "<td>".$rowdata["name"]."</td>";
        echo "<td class='itemCost'> \$. $rowdata["cost"]."</td>";
        echo "</tr>";
    }
    $conn->close();
?>
</table>

<p class="userInfo"><label>First Name:</label> <input type="text" name='fname' /></p>
<p class="userInfo"><label>Last Name:</label> <input type="text" name='lname' /></p>
<p class="userInfo"><label>Special Instructions:</label> <input type="text" name='instructions' /></p>

<input type = "hidden" name="timeoffset" id="timeoffset" hidden="true">

<input type = "submit" value = "Submit Order" />
</form>

<script>

```

```
item_quants = document.querySelectorAll("td.selectQuantity select");
form_obj = document.querySelector("#form1");
date = document.querySelector("#timeoffset");
userinfo = document.querySelectorAll(".userInfo input");

form_obj.onsubmit = function() {

    // validate name is entered
    if (userinfo[0].value==' ' || userinfo[1].value=='') {
        alert("Please enter your full name.");
        return false;
    }

    // validate some item ordered
    something_ordered = false;
    item_quants.forEach(e => {
        if (e.value != '0') {
            something_ordered = true;
        }
    });
    if (!something_ordered) {
        alert("Please order at least one item.");
        return false;
    }

    // validate time
    now = new Date();
    date.value = now.getTimezoneOffset();

    open = new Date();
    open.setHours(20,0,0,0);
    close = new Date();
    close.setHours(2,30,0,0);

    if (now>close && now<open) {
        alert("Sorry, we only accept orders between 8:00 PM and 2:30 AM.")
        return false;
    }

    return true;
}
```

```
    }

</script>

</body>
</html>
```

order_details.php

```
<!doctype html>
<html>
<head>
<meta charset="utf-8">
<title>Two Owls Cafe - Order Details</title>
<style>
    html,body,select {font-size: 25px;}
    h1 {margin-bottom:0px}
    h2 {margin-top:0px}
    table {width:80%; max-width:800px}
    table.totals {font-weight:bold}
    td {min-width:200px; border-bottom:1px dotted}
    a.home{text-decoration: none; color: black;}
</style>

</head>

<body>

<a class='home' href='../index.php'><h1>Two Owls Cafe</h1></a>
<h2>Hours: 8pm - 3am Daily</h2>
<h3>Order Details</h3>
<p>Thank you for ordering! Print this page to save your receipt.</p>

<?php
    //establish connection info
    $server = "35.212.65.183";
    $userid = "u0qw5mzxxutfs";
    $pw = "k1nwmps94r8z";
    $db = "dbvbgpkarre4xg";
    $conn = new mysqli($server, $userid, $pw, $db);
```

```

// get data
$sql = "SELECT * from menu_items";
$result = $conn->query($sql);

$subtotal = 0;
echo "<table>";
foreach ($result as $rowid=>$rowdata) {

    $varname = "quant_". $rowdata['id'];
    $quant = $_GET[$varname];

    if ($quant > 0) {

        $itemtotal = $quant * $rowdata['cost'];
        $subtotal = $subtotal + $itemtotal;
        echo "<tr><td>" . $rowdata['name'] . " (" . $quant . ") :</td><td>$" .
number_format($itemtotal,2) . "</td></tr>";

    }

}

$tax = $subtotal * 0.0625;
$total = $subtotal + $tax;

echo "</table class='totals'><br><table>";
echo "<tr><td>Subtotal :</td><td>$" . number_format($subtotal, 2) . "</td></tr>";
echo "<tr><td>Tax :</td><td>$" . number_format($tax, 2) . "</td></tr>";
echo "<tr><td>Total :</td><td>$" . number_format($total, 2) . "</td></tr>";
echo "</table>";

$now = new DateTimeImmutable("now", $timezone=new DateTimeZone("UTC"));
$now = $now->getTimestamp();
$ordered = $now - ($_GET['timeoffset'] * 60);
$pickup = $ordered + (15 * 60);
$ordered = new DateTimeImmutable("@". $ordered);
$pickup = new DateTimeImmutable("@". $pickup);
echo "<br>Pickup at " . $pickup->format('g:i A D M d')." "<br>";

$ordered_format = $ordered->format('Y-m-d H:i:s');
$sql = "INSERT INTO `orders`(`id`, `FirstName`, `LastName`, `Date`, `TotalPrice`) VALUES
('DEFAULT', '$_GET['fname'].', '$_GET['lname'].', '$ordered_format.', '$total.')";

```

```

        $result = $conn->query($sql);

?>
</body>
</html>

```

orders_admin.php

```

<!doctype html>
<html>
<head>
<meta charset="utf-8">
<title>Two Owls Cafe - Show Orders</title>
<style>
    html,body,select {font-size: 25px;}
    h1 {margin-bottom:0px}
    h2 {margin-top:0px}
    table {width:80%; max-width:800px}
    td {text-align:center; width:200px; border-bottom:1px dotted}
    a.home{text-decoration: none; color: black;}
</style>

</head>

<body>

<a class='home' href='../index.php'><h1>Two Owls Cafe</h1></a>
<h2>Hours: 8pm - 3am Daily</h2>
<h3>Order History</h3>

<?php
    //establish connection info
    $server = "35.212.65.183";
    $userid = "u0qw5mzxxutfs";
    $pw = "k1nwmps94r8z";
    $db = "dbvbgpkarre4xg";
    $conn = new mysqli($server, $userid, $pw, $db);

    // get data
    $sql = "SELECT * from orders ORDER BY date DESC";
    $result = $conn->query($sql);

```

```
$subtotal = 0;
echo "<table><tr><th>Name</th><th>Date</th><th>Total</th></tr>";
foreach ($result as $rowid=>$rowdata) {
    $date = new DateTimeImmutable($rowdata['Date']);
    $date_format = $date->format('m/d/y h:i A');
    echo "<tr><td>" . $rowdata['LastName'] . ", " . $rowdata['FirstName'] . "</td><td>" .
$date_format . "</td><td> $" . number_format($rowdata['TotalPrice'],2) . "</td></tr>";
}

echo "</table>";

?>
</body>
</html>
```