

Practical Lab 3

Student ID: _____

Student Name: _____

Q1. Test the following PHP codes:

1. Copy and save as 2 files, a.html and b.php, respectively.
2. Put them under your student folder, and change the permission as 755.
3. Browse titan.csit.rmit.edu.au/~sXXXXXXX/a.html (where XXXXXXX is your student id).

a.html

```
<html>
  <body>
    <FORM ACTION="b.php" method="POST">
      Enter: <input type="text" name="entered" id="entered"/>
      <br/><br/>
      <button type="submit">Submit</button>
    </FORM>
  </body>
</html>
```

b.php

```
<html>
  <body>
    <?php echo $_POST['entered']; ?>
  </body>
</html>
```

Q2. Based on Q2 and Lab 2 Q3 (need to change the ACTION of the form as Q1), write your own PHP page to receive your submission data and return the right page shown below:

Shopping Cart

Products	Price	Quantity	Subtotal
Product A	\$10	<input type="text" value="3"/>	30
Product B	\$15	<input type="text" value="1"/>	15
Product C	\$20	<input type="text" value="2"/>	40
Total		6	85

Received Form (What the customer submitted)

Products	Price	Quantity	Subtotal
ProductA	10	3	30
ProductB	15	1	15
ProductC	20	2	40
Total		6	85

- Hinds:**
1. ACTION = the name of your php page.
 2. Using <?php ... ?> tags
 3. Echo the element (PHP page) based on the name="..." and id="..." from the HTML form.

Answer:

Q2.

a.html

```
<html>
<head>
<style>
table {
    font-family: arial, sans-serif;
    border-collapse: collapse;
    width: 400px;
}

td, th {
    width:100px;
    text-align: center;
    padding: 8px;
}

th {
    background-color: #4CAF50;
    color: white;
}

</style>
</head>
<body>

<h1>Shopping Cart</h1>

<FORM ACTION="b.php" method="POST">
<table>
<tr>
<th>Products</th>
<th>Price</th>
<th>Quantity</th>
<th>Subtotal</th>
</tr>
<tr>
<td>Product A<input type="hidden" name="ProductA" id="ProductA" value="ProductA"/></td>
<td>$10<input type="hidden" name="ProductAprice" id="ProductAprice" value="10"/></td>
<td><input id="ProductAquantity" name="ProductAquantity" type="number" value="0" min="0"
max="10"/></td>
<td><p id="ProductAsubtotal">0</p><input id="ProductAtotal" name="ProductAtotal"
type="hidden"/></td>
</tr>
<tr>
<td>Product B<input type="hidden" name="ProductB" id="ProductB" value="ProductB"/></td>
<td>$15<input type="hidden" name="ProductBprice" id="ProductBprice" value="15"/></td>
<td><input id="ProductBquantity" name="ProductBquantity" type="number" value="0" min="0"
max="10"/></td>
<td><p id="ProductBsubtotal">0</p><input id="ProductBtotal" name="ProductBtotal"
type="hidden"/></td>
</tr>
<tr>
<td>Product C<input type="hidden" name="ProductC" id="ProductC" value="ProductC"/></td>
<td>$20<input type="hidden" name="ProductCprice" id="ProductCprice" value="20"/></td>
<td><input id="ProductCquantity" name="ProductCquantity" type="number" value="0" min="0"
max="10"/></td>
<td><p id="ProductCsubtotal">0</p><input id="ProductCtotal" name="ProductCtotal"
type="hidden"/></td>
</tr>
<tr>
<th></th>
<th>Total</th>
<th><p id="Quantity" >0</p><input id="totalQuantity" name="totalQuantity" type="hidden"/></th>
</tr>
```

```

        <th><p id="Price" >0</p><input id="totalPrice" name="totalPrice" type="hidden"/></th>
    </tr>
    <tr>
    <td></td>
    <td></td>
    <td><button type="button" onclick="updateCart();">Update</button></td>
    <td><button type="submit">Submit</button></td>
    </tr>
</table>

<br/><br/>

</FORM>

<script type="text/javascript">

function calcSubTotal(productName){

    var quantity = parseInt(document.getElementById(productName+'quantity').value);
    if(quantity > 0){
        var price = parseInt(document.getElementById(productName+'price').value);

        var subtotal = price * quantity;
        document.getElementById(productName+"subtotal").innerHTML = subtotal;
        document.getElementById(productName+"total").value = subtotal;
        return subtotal;
    }
    document.getElementById(productName+"subtotal").innerHTML = 0;
    document.getElementById(productName+"total").value = 0;
    return 0;
}

function updateCart(){

    var total = calcSubTotal('ProductA')+calcSubTotal('ProductB')+calcSubTotal('ProductC');

    var quantity =
parseInt(document.getElementById('ProductAquantity').value)+parseInt(document.getElementById('ProductBquantity').value)+parseInt(document.getElementById('ProductCquantity').value);

    document.getElementById("Quantity").innerHTML = quantity;
    document.getElementById("totalQuantity").value = quantity;

    document.getElementById("Price").innerHTML = total;
    document.getElementById("totalPrice").value = total;

}

</script>

</body>

</html>

```

b.php

```
<html>
<head>
<style>
table {
    font-family: arial, sans-serif;
    border-collapse: collapse;
    width: 400px;
}

td, th {
    width:100px;
    text-align: center;
    padding: 8px;
}

th {
    background-color: #4CAF50;
    color: white;
}

</style>
</head>
<body>

<h1>Received Form (What the customer submitted)</h1>

<table>
<tr>
    <th>Products</th>
    <th>Price</th>
    <th>Quantity</th>
    <th>Subtotal</th>
</tr>
<tr>
    <td><?php echo $_POST["ProductA"]; ?></td>
    <td><?php echo $_POST["ProductAprice"]; ?></td>
    <td><?php echo $_POST["ProductAquantity"]; ?></td>
    <td><?php echo $_POST["ProductAtotal"]; ?></td>
</tr>
<tr>
    <td><?php echo $_POST["ProductB"]; ?></td>
    <td><?php echo $_POST["ProductBprice"]; ?></td>
    <td><?php echo $_POST["ProductBquantity"]; ?></td>
    <td><?php echo $_POST["ProductBtotal"]; ?></td>
</tr>
<tr>
    <td><?php echo $_POST["ProductC"]; ?></td>
    <td><?php echo $_POST["ProductCprice"]; ?></td>
    <td><?php echo $_POST["ProductCquantity"]; ?></td>
    <td><?php echo $_POST["ProductCtotal"]; ?></td>
</tr>
<tr>
    <th></th>
    <th>Total</th>
    <th><?php echo $_POST["totalQuantity"]; ?></th>
    <th><?php echo $_POST["totalPrice"]; ?></th>
</tr>

</table>

</body>

</html>
```