

Assignment #1 (A1)

Due:	Wednesday, September 11, 2019 (10:20 AM – end of class)
Purpose:	Practice working with HTML Forms and PHP Processing Scripts
Allowed Resources:	Lecture notes/handouts, Course Textbook and Reference Guides [Reminder: All assignments are individual work. Please contact me with any questions.]
Submission:	Submit your widget.php file to Sakai before the start of class on 9/12 [Late penalties apply per syllabus.]

In this assignment you will create a simplified online ordering system. You will develop a single PHP page that acts as both input and output. (Similar to the processform.php example in Slides.) The user will enter information into the form elements at the top of the page and then hit submit. After submission, the lower part of the page will display details of the order.

Part 1: Creating the Form Components on the Page

Recreate the following form in your PHP file that allows the user to enter required information. Match the screenshot as close as possible

Widget Ordering System

Customer Information

Customer Type:	<input type="radio"/> Premier <input checked="" type="radio"/> Elite
Customer First Name:	<input type="text"/>
Customer Last Name:	<input type="text"/>
Street:	<input type="text"/>
City:	<input type="text"/>
State:	<input type="text" value="RI"/> ▼
Zip Code:	<input type="text"/>

Order Information

QTY	Item	Item Price
<input type="text" value="0"/>	Widget #8493 - Extra Crunchy	\$ 5.71
<input type="text" value="0"/>	Widget #3423 - Super Slippery	\$ 4.21
<input type="text" value="0"/>	Widget #2382 - Very Wobbly	\$ 2.51
<input type="text" value="0"/>	Widget #4523 - Extremely Sticky	\$ 1.21
<input type="text" value="0"/>	Widget #6851 - Wonderfully Wacky	\$ 8.51

Development Notes:

- States – You only need to include the New England states, listed in alphabetical order.
- Defaults for the form:
 - Elite customer should be selected by default
 - State should default to RI.
- You can assume that the user will only enter valid numbers in the QTY fields
- You can add the following CSS Style Rules to your page to help you match my screenshot.

```
body {font-family:"Verdana";}
td,th {padding:5px;}
```

Part 2: Processing Form Data

In this part of the assignment, you will display an order summary based on the user data entered into the form elements. The message displayed on the screen will use pieces of the data entered. The quantity entered by the user will be used to calculate product prices and over totals. When there is no form data, an appropriate message should be displayed (see Pg 4).

Widget Ordering System

Customer Information

Customer Type: ☐ Premier ☒ Elite
 Customer First Name:
 Customer Last Name:
 Street:
 City:
 State:
 Zip Code:

Order Information

QTY	Item	Item Price
<input type="text" value="1"/>	Widget #8493 - Extra Crunchy	\$ 5.71
<input type="text" value="3"/>	Widget #3423 - Super Slippery	\$ 4.21
<input type="text" value="0"/>	Widget #2382 - Very Wobbly	\$ 2.51
<input type="text" value="2"/>	Widget #4523 - Extremely Sticky	\$ 1.21
<input type="text" value="5"/>	Widget #6851 - Wonderfully Wacky	\$ 8.51

Order Summary

Dear Joe,

Thank you for placing an order. You can expect to receive your widgets in Providence by the end of the week.

Order Statement

QTY	Item	Total Price
1	Widget #8493 - Extra Crunchy	5.71
3	Widget #3423 - Super Slippery	12.63
0	Widget #2382 - Very Wobbly	0.00
2	Widget #4523 - Extremely Sticky	2.42
5	Widget #6851 - Wonderfully Wacky	42.55
Product Total		63.31
Final Cost		50.65

Dynamic Text
(uses input data)

Development Notes:

- Product Total – Sum of prices for all items
- Final Cost is equal to the Product Total, unless the customer is an elite customer. If the customer is an elite customer, they receive a 20% discount.
- To help you display two digits after the decimal point, you can use a special PHP function. Example:


```
<?php echo number_format($total,2); ?>
```

Page when first opened in the browser:

Widget Ordering System

Customer Information

Customer Type: ☐ Premier ☒ Elite

Customer First Name:

Customer Last Name:

Street:

City:

State: ▼

Zip Code:

Order Information

QTY	Item	Item Price
<input type="text" value="0"/>	Widget #8493 - Extra Crunchy	\$ 5.71
<input type="text" value="0"/>	Widget #3423 - Super Slippery	\$ 4.21
<input type="text" value="0"/>	Widget #2382 - Very Wobbly	\$ 2.51
<input type="text" value="0"/>	Widget #4523 - Extremely Sticky	\$ 1.21
<input type="text" value="0"/>	Widget #6851 - Wonderfully Wacky	\$ 8.51

Order Summary

No order information supplied.

Complete page after data submission:

Widget Ordering System

Customer Information

Customer Type: ☐ Premier ☒ Elite

Customer First Name:

Customer Last Name:

Street:

City:

State: ▼

Zip Code:

Order Information

QTY	Item	Item Price
<input type="text" value="0"/>	Widget #8493 - Extra Crunchy	\$ 5.71
<input type="text" value="0"/>	Widget #3423 - Super Slippery	\$ 4.21
<input type="text" value="0"/>	Widget #2382 - Very Wobbly	\$ 2.51
<input type="text" value="0"/>	Widget #4523 - Extremely Sticky	\$ 1.21
<input type="text" value="0"/>	Widget #6851 - Wonderfully Wacky	\$ 8.51

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