

I think everyone is having a hard time with the jQuery and PHP lab.

I muddled through it till it worked for me, but here's what I learnt from those several hours:

1. Go to W3Schools and read up on the things you don't understand. This may include PHP, JavaScript, or jQuery syntax. W3Schools does a really good job of explaining everything in detail. For example, do you know what **\$.ajax()** does? Or what its parameters are?

Name	Value/Description
async	A Boolean value indicating whether the request should be handled asynchronous or not. Default is true
beforeSend(xhr)	A function to run before the request is sent
cache	A Boolean value indicating whether the browser should cache the requested pages. Default is true
complete(xhr,status)	A function to run when the request is complete (functions)
contentType	The content type of the request (e.g. "application/json")
context	Specifies the "this" value for all AJAX related callback functions
data	Specifies data to be sent to the server
dataFilter(data,type)	A function used to handle the raw response data of the XMLHttpRequest
dataType	The data type expected of the server response.
error(xhr,status,error)	A function to run if the request fails.

https://www.w3schools.com/jquery/ajax_ajax.asp

2. Try getting the HTML table to work first. It is a lot easier than the JavaScript one because all the formatting is done for you in PHP. Also, **fix a typo in the PHP file.**

```
switch($output) {
    case "json":
        $data['status'] = 'success';
        $data['msg'] = 'Retrieving data as JSON';
        $json = json_encode($data);
        echo $json;
        break;
    case "html":
        echo "<table><tr><th>First Name</th><th>Last Name</th><th>Email</th></tr>";
        foreach($transaction as $key => $item) {
            echo "<tr><td>" . $item['SKU']
                . "</td><td>" . $item['Title']
                . "</td><td>" . $item['Description']
                . "</td><td>" . $item['Price']
                . "</td><td>" . $item['Quantity']
                . "</td></tr>";
        }
        echo "</table>";
        break;
}
```

3. Use what you learnt from lab06 to help you complete lab07. You will need to understand array structures, key value pairs, and how to access that data for the JSON table.
4. Remember to turn xampp (or whichever version you're using) on. Do not preview your file outside of htdocs and localhost!

If you see this, you're doing it wrong!

file:///C:/Users/Christy/ShareFile/Personal%20Folders/COMP%201536/lab07test/lab07/lab_07_starter.html

This is right:

localhost/lab_7/lab_07_starter.html

5. Always, always, always look at the console to see what's going on!

The screenshot shows a web browser interface. On the left, there are two orange buttons with the text "Click here to get the data as JSON." and "Click here to get the data as HTML.". Below these buttons is a table with the following data:

SKU	Title	Description	Price
a49w8dsa	Socks	Sports socks	1.50
ta8dla	T-shirt	ABC Brand undershirt	14.25
yusa982	Flip Flips	XYZ Brand Beach Flops	2.88
gnba1ue	Ball Cap	No Name	3.58
ythwq836	Frizbee	Whammo Frisbee Disc	2.47

On the right side of the browser, the "Console" tab is selected in the developer tools. A context menu is open over the table, with the "Inspect" option highlighted. The menu also shows other options like "Back", "Forward", "Reload", "Save as...", "Print...", "Cast...", "Translate to English", "AdBlock", "View page source", and "Inspect".

6. I wrote in some comments for the lab07_starter.html file. Please download it as well to see where you should get started. Make sure you understand at least 60 – 70% of what's going on in the .html and .php file before starting to save yourself from frustration.

I hope it helps, and good luck!!!