

## Instructions

Use the included .sql file for the structure and data layout

Create a PHP script which generates the required MySQL query to output the following data on a web page. The script should execute the MySQL query using jQuery AJAX via a simple submit button without reloading the page.

Invoice Num	Invoice Date	Product	Qty	Price	Total
Invoices.invoice_num	Invoices.invoice_date	Products.product_description	InvoiceLineItems.qty	InvoiceLineItems.price	InvoiceLineItems.qty*
					InvoiceLineItems.price

The script must contain a “Relative Date” dropdown which includes the following values:

Last Month To Date  
This Month  
This Year  
Last Year

This is a relative date and not an absolute date. For example if the script was executed on 10/31/2015 and “Last Month to Date” was selected then the invoice\_date must fall between 9/1/2015 and 10/31/2015. If the script was run on 11/1/2015 then the invoice\_date must fall between 10/1/2015 and 11/1/2015.

The script must contain a client dropdown which filters the transactions for a particular client

The script must contain a product dropdown which populates based on the selected client.

The exercise should be completed on your local development environment. Once completed create a pull request and add the necessary instructions on the message of the PR in order for us to be able to run and evaluate your code.

Include comments in your code with explanations

This is a coding exercise and not a design exercise, however if you wish to show off your design skills you’re free to do so.

Implementing Symfony2 components, Angular, composer, and correct implementation of best practices, design patterns and/or principles is a huge plus