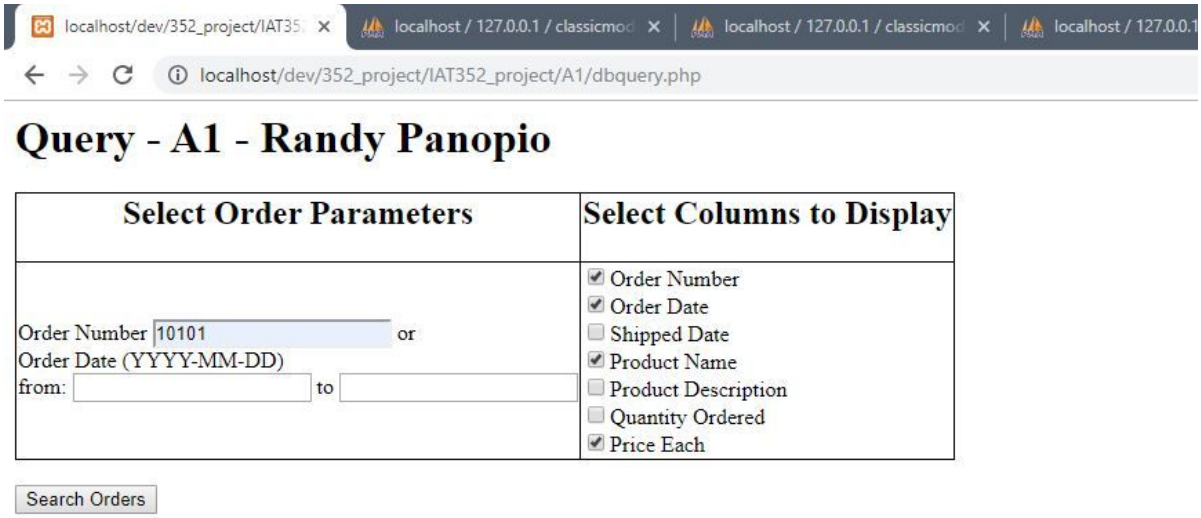
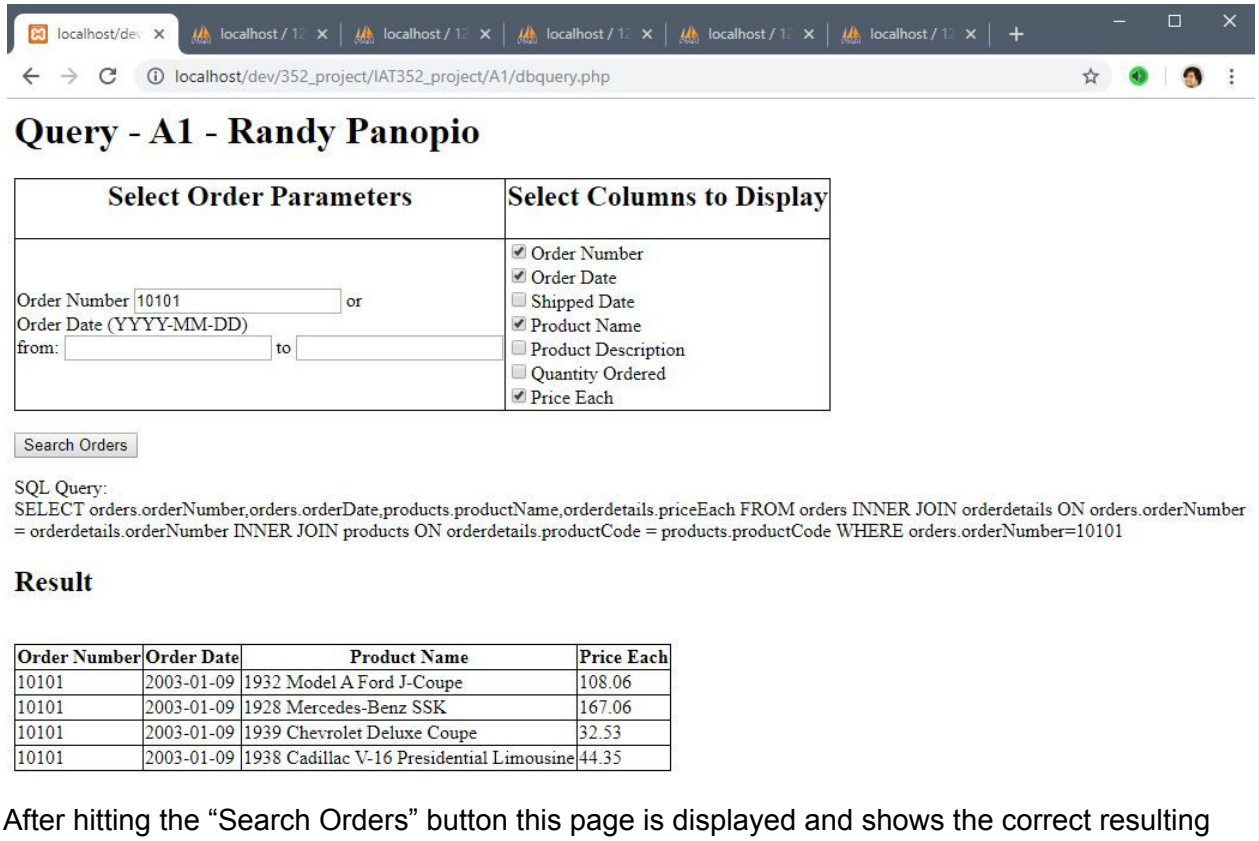
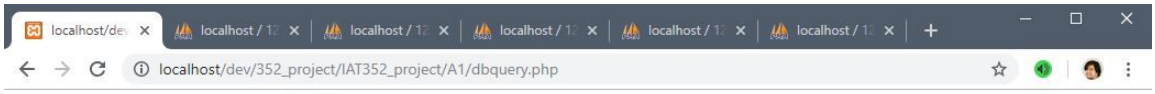
A1 Screenshots & writeup



When opening the page, it displays an empty form. In this image, I filled out the form with only and order number and selected some options to request and display.



After hitting the “Search Orders” button this page is displayed and shows the correct resulting data. It also remembers to autofill the inputs with your last request.



Query - A1 - Randy Panopio

Select Order Parameters	Select Columns to Display
Order Number [ ] or Order Date (YYYY-MM-DD) from: 2003-01-13 to 2004-01-06	☑ Order Number ☐ Order Date ☑ Shipped Date ☑ Product Name ☑ Product Description ☑ Quantity Ordered ☑ Price Each

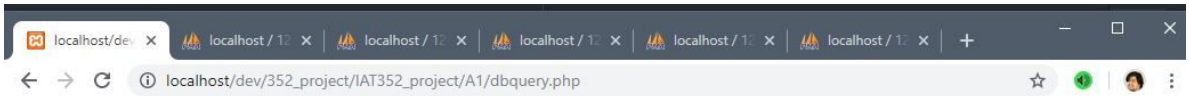
Search Orders

SQL Query:
SELECT orders.orderNumber,orders.orderDate,products.productName,orderdetails.priceEach FROM orders INNER JOIN orderdetails ON orders.orderNumber = orderdetails.orderNumber INNER JOIN products ON orderdetails.productCode = products.productCode WHERE orders.orderNumber=10101

Result

Order Number	Order Date	Product Name	Price Each
10101	2003-01-09	1932 Model A Ford J-Coupe	108.06
10101	2003-01-09	1928 Mercedes-Benz SSK	167.06
10101	2003-01-09	1939 Chevrolet Deluxe Coupe	32.53
10101	2003-01-09	1938 Cadillac V-16 Presidential Limousine	44.35

Now I changed the inputs and only used a date range



Query - A1 - Randy Panopio

Select Order Parameters	Select Columns to Display
Order Number [ ] or Order Date (YYYY-MM-DD) from: 2003-01-13 to 2004-01-06	☑ Order Number ☐ Order Date ☑ Shipped Date ☑ Product Name ☑ Product Description ☑ Quantity Ordered ☑ Price Each

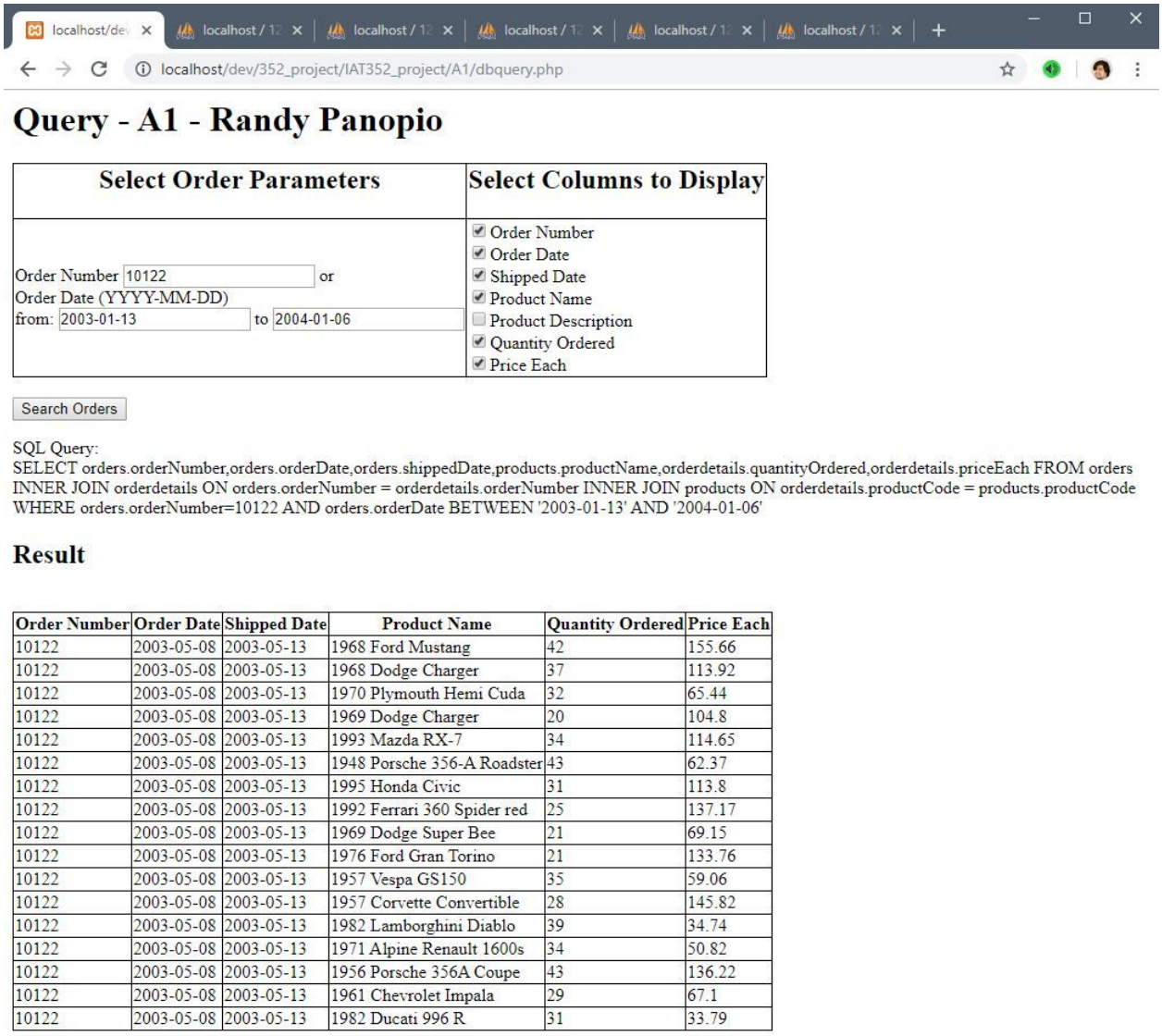
Search Orders

SQL Query:
SELECT orders.orderNumber,orders.shippedDate,products.productName,products.productDescription,orderdetails.quantityOrdered,orderdetails.priceEach FROM orders INNER JOIN orderdetails ON orders.orderNumber = orderdetails.orderNumber INNER JOIN products ON orderdetails.productCode = products.productCode WHERE orders.orderDate BETWEEN '2003-01-13' AND '2004-01-06'

Result

Order Number	Shipped Date	Product Name	Product Description	Quantity Ordered	Price Each
10107	2003-02-26	1969 Harley Davidson Ultimate Chopper	This replica features working kickstand, front suspension, gear-shift lever, footbrake lever, drive chain, wheels and steering. All parts are particularly delicate due to their precise scale and require special care and attention.	30	81.35
10121	2003-05-13	1969 Harley Davidson Ultimate Chopper	This replica features working kickstand, front suspension, gear-shift lever, footbrake lever, drive chain, wheels and steering. All parts are particularly delicate due to their precise scale and require special care and attention.	34	86.13

These are the results from that request



Order Number	Order Date	Shipped Date	Product Name	Quantity Ordered	Price Each
10122	2003-05-08	2003-05-13	1968 Ford Mustang	42	155.66
10122	2003-05-08	2003-05-13	1968 Dodge Charger	37	113.92
10122	2003-05-08	2003-05-13	1970 Plymouth Hemi Cuda	32	65.44
10122	2003-05-08	2003-05-13	1969 Dodge Charger	20	104.8
10122	2003-05-08	2003-05-13	1993 Mazda RX-7	34	114.65
10122	2003-05-08	2003-05-13	1948 Porsche 356-A Roadster	43	62.37
10122	2003-05-08	2003-05-13	1995 Honda Civic	31	113.8
10122	2003-05-08	2003-05-13	1992 Ferrari 360 Spider red	25	137.17
10122	2003-05-08	2003-05-13	1969 Dodge Super Bee	21	69.15
10122	2003-05-08	2003-05-13	1976 Ford Gran Torino	21	133.76
10122	2003-05-08	2003-05-13	1957 Vespa GS150	35	59.06
10122	2003-05-08	2003-05-13	1957 Corvette Convertible	28	145.82
10122	2003-05-08	2003-05-13	1982 Lamborghini Diablo	39	34.74
10122	2003-05-08	2003-05-13	1971 Alpine Renault 1600s	34	50.82
10122	2003-05-08	2003-05-13	1956 Porsche 356A Coupe	43	136.22
10122	2003-05-08	2003-05-13	1961 Chevrolet Impala	29	67.1
10122	2003-05-08	2003-05-13	1982 Ducati 996 R	31	33.79

In this request, I used both an order number and order date and combines that to filter out the result

I also created a prepopulated drop down list in the code that displays all the existing order numbers, it can be changed from the input text of the order number, however I chose to use an input text for this submission to closely imitate what was shown in the screenshots.