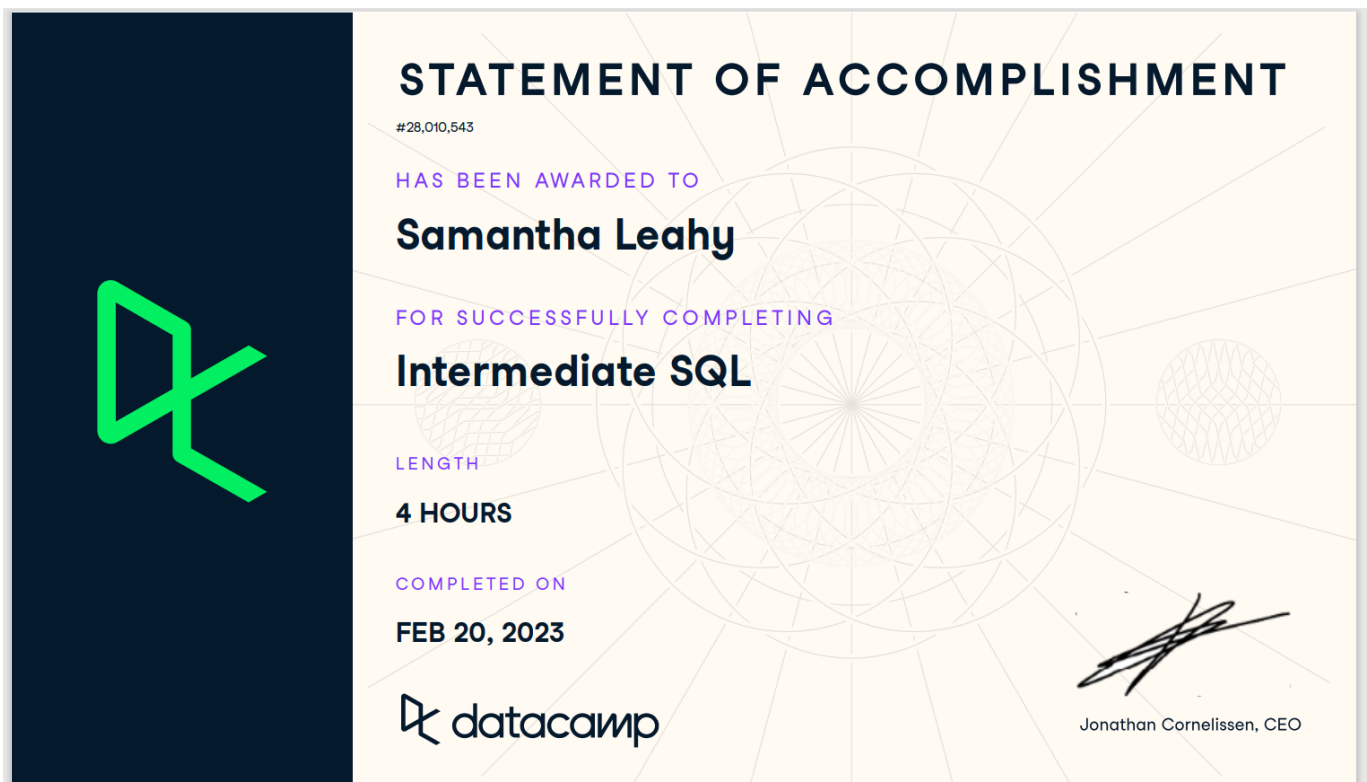


**Part 1 A Screenshot of Statement of Accomplishment** (you should receive a copy in your email as well) to show that you have completed one of the four required SQL courses **(20 points)**. Please make sure that your Statement of Accomplishment meet all the three requirements specified in HW2 Instruction.



## Part 2-Screenshots (20 points)

Part 2 includes 15 query questions, five of which require you to take a screenshot of your query and the result table (if the result table has too many rows, please cover both your query and the very top of your result). Your screenshots must meet all the requirements specified in HW2 Instruction.

### Grading Rubrics for Screenshots:

Each screenshot is worth 4 points, please check if your screenshots and queries meet the requirements:

- Each screenshot must show date and time; otherwise, deduct 3 points.
- The date and time in each screenshot must be between February 9 and 20, 2022; otherwise, deduct 4 points.
- Each screenshot must show the result or the top of the result table; otherwise, deduct 2 points.
- Each query must use clauses required by each question such as using JOIN ON; otherwise, deduct 2 points for each missing or wrong clause.
- If you use a wrong SELECT statement (e.g., adding or missing an attribute), deduct 2 points.
- If you miss a screenshot, deduct 4 points.

The minimum point on each screenshot is zero. However, if identical screenshots are found from two or more students, a zero point will be assigned to all the involved students and such a case will be reported to the PEV COB Dean's office.

Screenshot 1 in Query 8: Write a query to show SupplierID and SupplierName of suppliers with 1) SupplierID greater than 2 but smaller than 10 **or** 2) country equal to USA. Use **WHERE OR**. (4 points)

The screenshot shows a web-based SQL interface. On the left, the 'SQL Statement' field contains the following query:

```
SELECT SupplierID, SupplierName
FROM Suppliers
WHERE (SupplierID > 2 AND SupplierID < 10)
OR Country = 'USA';
```

Below the query field is a 'Run SQL »' button. To the right of the query field is a 'Get your own SQL server' button. On the far right, there is a 'Your Database:' section with a table listing database tables and their record counts:

Tablename	Records
Customers	91
Categories	8
Employees	10
OrderDetails	518
Orders	196
Products	77
Shippers	3
Suppliers	29

Below the 'Run SQL »' button is a 'Result:' section. It shows 'Number of Records: 10' and a table with the following data:

SupplierID	SupplierName
2	New Orleans Cajun Delights
3	Grandma Kelly's Homestead
4	Tokyo Traders
5	Cooperativa de Quesos 'Las Cabras'
6	Mayumi's
7	Pavlova, Ltd.
8	Specialty Biscuits, Ltd.
9	PB Knackebrod AB
16	Bigfoot Breweries
19	New England Seafood Cannery

The bottom of the screenshot shows a Windows taskbar with the date and time '8:34 PM 2/19/2023'.

Screenshot 2 in Query 10: Write a query to show SupplierID and SupplierName of suppliers with SupplierID equal to 3, 13, 23, **or** 33. **Please use WHERE IN.** (4 points)

SQL Statement:

Get your own SQL server

```
SELECT SupplierID, SupplierName
FROM Suppliers
WHERE SupplierID IN (3, 13, 23, 33);
```

Edit the SQL Statement, and click "Run SQL" to see the result.

Run SQL »

Result:

Number of Records: 3

SupplierID	SupplierName
3	Grandma Kelly's Homestead
13	Nord-Ost-Fisch Handelsgesellschaft mbH
23	Karkki Oy

Your Database:

Tablename	Records
Customers	91
Categories	8
Employees	10
OrderDetails	518
Orders	196
Products	77
Shippers	3
Suppliers	29

Restore Database

The Try-SQL Editor

57°F Mostly cloudy

Search

8:40 PM 2/19/2023

Screenshot 3 in Query 13: Write a query to show a list of OrderIDs and which employees (including their last name and first name) processed each order (organized alphabetically by employee last name). **Use Where statement in this query.** (4 points)

SQL Statement:

Get your own SQL server

```
SELECT OrderId, LastName, FirstName
FROM Orders, Employees
WHERE Orders.EmployeeID = Employees.EmployeeID
ORDER BY LastName;
```

Edit the SQL Statement, and click "Run SQL" to see the result.

Run SQL »

Result:

Number of Records: 196

OrderID	LastName	FirstName
10248	Buchanan	Steven
10254	Buchanan	Steven
10269	Buchanan	Steven
10297	Buchanan	Steven
10320	Buchanan	Steven
10333	Buchanan	Steven
10358	Buchanan	Steven
10359	Buchanan	Steven

Your Database:

Tablename	Records
Customers	91
Categories	8
Employees	10
OrderDetails	518
Orders	196
Products	77
Shippers	3
Suppliers	29

Restore Database

The Try-SQL Editor

57°F Mostly cloudy

Search

8:58 PM 2/19/2023

Screenshot 4 in Query 14: Write a query to show a list of OrderIDs and which shipper shipped each order (organized alphabetically by ShipperName). Use JOIN ON Statement in this query. (4 points)

SQL Statement:

```

SELECT OrderID, ShipperName
FROM Orders
JOIN Shippers
ON Orders.ShipperID = Shippers.ShipperID
ORDER BY ShipperName;

```

Get your own SQL server

Your Database:

Tablename	Records
Customers	91
Categories	8
Employees	10
OrderDetails	518
Orders	196
Products	77
Shippers	3
Suppliers	29

Restore Database

Edit the SQL Statement, and click "Run SQL" to see the result.

Run SQL »

Result:

Number of Records: 196

OrderID	ShipperName
10248	Federal Shipping
10255	Federal Shipping
10257	Federal Shipping
10259	Federal Shipping
10262	Federal Shipping
10263	Federal Shipping
10264	Federal Shipping
10266	Federal Shipping

Screenshot 5 in Query 15: Write a query to show a list of ProductID, ProductName, their category names and supplier's name (organized by product ID at an ascending order). Please use JOIN ON Statement. (4 points)

SQL Statement:

```

SELECT ProductID, ProductName, CategoryName, SupplierName
FROM Products
JOIN Categories
ON Products.CategoryID = Categories.CategoryID
JOIN Suppliers
ON Products.SupplierID = Suppliers.SupplierID
ORDER BY ProductID;

```

Get your own SQL server

Your Database:

Tablename	Records
Customers	91
Categories	8
Employees	10
OrderDetails	518
Orders	196
Products	77
Shippers	3
Suppliers	29

Restore Database

Edit the SQL Statement, and click "Run SQL" to see the result.

Run SQL »

Result:

Number of Records: 77

ProductID	ProductName	CategoryName	SupplierName
1	Chais	Beverages	Exotic Liquid
2	Chang	Beverages	Exotic Liquid
3	Aniseed Syrup	Condiments	Exotic Liquid
4	Chef Anton's Cajun Seasoning	Condiments	New Orleans Cajun Delights
5	Chef Anton's Gumbo Mix	Condiments	New Orleans Cajun Delights
6	Grandma's Boysenberry Spread	Condiments	Grandma Kelly's Homestead
7	Uncle Bob's Organic Dried Pears	Produce	Grandma Kelly's Homestead
8	Northwoods Cranberry Sauce	Condiments	Grandma Kelly's Homestead
9	Mishi Kobe Niku	Meat/Poultry	Tokyo Traders