

Stephen Oliver

SQL Contest Submission

CS 364

Spring 2017

### English Question:

The company wants to reward the top three sales reps in the USA. Provide the employeeNumber, employeeName, email, and totalSales (in dollars) for the Top three sales reps ordered from first in sales to third in sales.

### SQL Answer:

```
SELECT  employeeNumber, CONCAT(firstName, ' ', lastname) AS 'employeeName', email,
        SUM(od.quantityOrdered*od.priceEach) AS 'totalSales'
FROM    employees e
JOIN    customers c ON e.employeeNumber = c.salesRepEmployeeNumber
JOIN    orders o ON c.customerNumber = o.customerNumber
JOIN    orderdetails od ON o.orderNumber = od.orderNumber
WHERE   officeCode IN (SELECT officeCode FROM offices WHERE country = 'USA')
GROUP BY e.employeeNumber
ORDER BY totalSales DESC
LIMIT 3;
```

### Result:

```
mysql> source entry.sql
+-----+-----+-----+-----+
| employeeNumber | employeeName | email | totalSales |
+-----+-----+-----+-----+
| 1165 | Leslie Jennings | ljennings@classicmodelcars.com | 1081530.54 |
| 1323 | George Vanauf | gvanauf@classicmodelcars.com | 669377.05 |
| 1216 | Steve Patterson | spatterson@classicmodelcars.com | 505875.42 |
+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```