

NAME: _____

CSE 3330

Homework #5 - Due 2/27 11:59 PM

Using the ClassicModels database, answer the following questions.
Provide the data that answers the question **AND** the SQL used to answer the question. Each query should include at least one join.

1. How many products were not ordered?

```
SELECT count(*) FROM products  
LEFT JOIN orderdetails  
ON products.productCode = orderdetails.productCode  
WHERE orderNumber is NULL;
```

| | count(*) |
|---|----------|
| ▶ | 1 |

2. What Dates did Customers from postalCode '69004' make Payments?

```
SELECT payments.paymentDate FROM payments  
JOIN customers  
ON customers.customerNumber=payments.customerNumber  
WHERE customers.postalCode='69004';
```

| | paymentDate |
|---|-------------|
| ▶ | 2004-03-18 |
| | 2004-01-16 |
| | 2003-12-10 |

3. Who manages an employee with a title of 'VP Sales'?

```
SELECT e2.* FROM employees e1  
JOIN employees e2  
ON e1.reportsTo=e2.employeeNumber  
WHERE e1.jobTitle = 'VP Sales';
```

| | employeeNumber | lastName | firstName | extension | email | officeCode | reportsTo | jobTitle |
|---|----------------|----------|-----------|-----------|------------------------------|------------|-----------|-----------|
| ▶ | 1002 | Murphy | Diane | x5800 | dmurphy@classicmodelcars.com | 1 | NULL | President |

4. What is the total Price for products with productLine 'Motorcycles' that were ordered on '2003-03-03'? (Note: priceEach is not the right value)

```
SELECT sum(buyPrice) from orders
JOIN orderdetails ON
orders.orderNumber=orderdetails.orderNumber
JOIN products ON products.productCode=orderdetails.productCode
WHERE orderDate='2003-03-03' AND productLine='Motorcycles'
GROUP BY productLine;
```

| | sum(buyPrice) |
|---|---------------|
| ▶ | 194.49 |

5. What are the employeeNumbers for the employees that have the jobTitle of 'Sales Rep' and work in 'London'?

```
SELECT employeeNumber from employees
JOIN offices ON employees.officeCode=offices.officeCode
WHERE jobTitle='Sales Rep' AND city='London';
```

| | employeeNumber |
|---|----------------|
| ▶ | 1501 |
| | 1504 |