Classroom Exercises Questions and Answers

Format: .1 = Question, .2 = Rephrase, .3 = trimmed SQL query

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| 1.1 | What are the names of all of our Shippers |
| 1.2 | I need to SELECT the shippernames of all our suppliers FROM Shippers |
| 1.3 | SELECT ShipperName  FROM Shippers |

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| 2.1 | Human Relations needs a list of all Employee Names and birthdays for their records. |
| 2.2 | Human Relation needs to SELECT the firstname, lastname, Birthdate FROM employees for their records |
| 2.3 | SELECT firstname, lastname, birthdate  FROM employees |

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| 3.1 | Provide a list of Customers, addresses and point of contact who are in London for the sales team to offer special offers |
| 3.2 | SELECT a list of customers, address, contact name WHERE London is the city for the sales team to offer special offers |
| 3.3 | SELECT CustomerName, ContactName, Address, City, PostalCode, Country  FROM Customers  WHERE City = 'London' |

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| 4.1 | Our Web Admins need a list of all the products we have. | |
| 4.2 | Our Web Admins need to SELECT all product names FROM products | |
| 4.3 | SELECT ProductName  FROM Products | *SELECT \**  *FROM Products* |

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| 5.1 | The Web Admins need more than just Product Names now, they also need unit and pricing information for each product. |
| 5.2 | The Web Admins need to SELECT the Product Name, the unit and price FROM Products |
| 5.3 | SELECT ProductName, Unit, Price  FROM Products |

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| 6.1 | List all products and their prices where the price is GREATER THAN 20 | |
| 6.2 | SELECT product name and price FROM products WHERE the price is greater than 20 | |
| 6.3 | SELECT ProductName, Price  FROM Products  WHERE price > 20 | *SELECT \**  *FROM Products*  *WHERE price > 20* |

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| 7.1 | Our warehouse manager needs a list of all the orders placed on July 8 1996. | |
| 7.2 | Our warehouse manager needs to SELECT a list of orders (OrderID) FROM Orders WHERE the orderdate is July 8 1996 | |
| 7.3 | SELECT OrderID  FROM Orders  WHERE Orderdate = ‘1996-07-08’ | **Note that the date HAS to be in quotes to be read by the database** |

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| 8.1 | Our Warehouse manager needs a list of all of the order details where the number product was ordered 12 times in a single order. |
| 8.2 | Our Warehouse manager needs to SELECT all orders FROM the Order Details WHERE the Quantity is 12 |
| 8.3 | SELECT \*  FROM OrderDetails  WHERE Quantity = 12 |

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| 9.1 | Provide a list of all products in the Beverages Category |
| 9.2 | I want to SELECT product names FROM Products and Categories  WHERE the category = ‘Beverages’ |
| 9.3 | SELECT productname  FROM Products  INNER JOIN Categories ON Products.CategoryID = Categories.CategoryID  WHERE CategoryName = 'Beverages' |

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| 10.1 | The Sales department needs a detail list of products provided by Shelley Burke of New Orleans Cajun Delights. | |
| 10.2 | The Sales department needs to SELECT a detail list of products (ProductID, ProductName, SupplierID, CategoryID, Unit, Price) FROM Products and Suppliers WHERE the contactname is Shelley Burke | The Sales department needs to SELECT a detail list of products (ProductID, ProductName,SupplierID, CategoryID, Unit, Price) FROM Products and Suppliers WHERE the supplier name is New Orleans Cajun Delights |
| 10.3 | SELECT ProductID, ProductName, CategoryID, Unit, Price  FROM Products  INNER JOIN Suppliers  ON Products.SupplierID=Suppliers.SupplierID  WHERE contactname = ‘Shelley Burke’ | SELECT ProductID, ProductName, CategoryID, Unit, Price  FROM Products  INNER JOIN Suppliers  ON Products.SupplierID=Suppliers.SupplierID  WHERE SupplierName = ‘New Orleans Cajun Delights’ |

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| 11.1 | The Shipping Department found and error and needs a list of all the shipments that went out via United Package. |
| 11.2 | The Shipping Department found and error and needs to SELECT a list of ALL (\*) the shipments that went out WHERE United Package was used. |
| 11.3 | SELECT \*  FROM Shippers  INNER JOIN Orders  ON Shippers.ShipperID=Orders.ShipperID  WHERE ShipperName = 'United Package' |

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| 12.1 | HR wants to track the performance of Michael Suyama and need a list of the orders he has completed. |
| 12.2 | HR wants to SELECT order information FROM Orders WHERE the employee is Michael Suyama. |
| 12.3 | SELECT OrderID, CustomerID, OrderDate, ShipperID  FROM Orders  INNER JOIN Employees  ON Employees.EmployeeID=Orders.EmployeeID  WHERE LastName = 'Suyama' |

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| 13.1 | HR loves the report you made, they now want to know who Michael’s customers are. |
| 13.1 | Working off the above code, join the customer information. |
| 13.2 | HR wants to SELECT Customer Information From Customers Where Employee is Michel Suyama. |
| 13.3 | SELECT OrderID, CustomerName, ContactName, OrderDate, ShipperID  FROM Orders  JOIN Employees  ON Employees.EmployeeID=Orders.EmployeeID  Join Customers  ON Customers.CUstomerID=Orders.CustomerID  WHERE LastName = 'Suyama' |