

CS338: Computer Applications in Business – Databases

Assignment # 1 - Out of / 50 (5%)

SQL (2 marks each)

Suppliers Parts Database

1. Get the suppliers with a status of 4 or more.
2. Get the suppliers who are not in London and have a status > 10.
3. Get the quantity of green parts from Paris.
4. Get the minimum qty of a part for S3.
5. Get the names of the parts for S1.

Northwind Database

1. Show the name and birthdate of every employee in the British Isles.
2. Get the firstname of the employee with the last name "Peacock."
3. Get the job title and notes about Laura Callahan.
4. Show the count of employees with the title of "Dr."
5. Show the Sales Managers Title, First Name, and last name.
6. Show the largest freight for an order handled by Andrew Fuller.
7. Show the products which contain "Chef" in the title and have at least 50 units in stock. Hint: use the 'like' operator (ie. where city **like** '%London%', the % means anything comes before or after)
8. Show the names of everyone who are NOT sales representatives.
9. Display the names of everyone who reports to Andrew Fuller. (Hint: this is a recursive relationship... will talk more about it in a future class)
10. Show the number of customers of Robert King.

AdventureWorks Data Warehouse

1. Compute the total cost of sick leave hours for employees that make less than \$15 an hour.
2. Show the top 3 highest paid employees based on their base rate.
3. Compute the average vacation amount paid to Female employees.
4. Determine the number of former employees at AdventureWorks.
5. Show the average amount of tax on internet sales.
6. Determine the number of Vice Presidents.

Chinook Database

1. Get the total sales by Country.
2. Get the Byte Count in Megabytes of all tracks. You can divide by 1000.
3. Get the length, in seconds, of AC/DC tracks.
4. Get the total dollar amount of sales from British Columbia, Canada.