

Zoo – Questions 3

The purpose of this assignment is to understand simple SQL statements and answer questions based on the Zoo database schema.

Assignment Requirements

Run the Zoo database's script to create the tables and insert data for these questions.

Questions

1. What are the names of all the current food suppliers?
2. List medication types that have a measurement unit of 'tsp'.
3. Return the products with their suggested price if the suggested price is \$5 or less.
4. Find the employee ID, first name, and last name of the employees who work in any of the following departments: Birds, Information Systems, Development. Use the IN clause.
5. Show all information from the department table and order it by department name.
6. List all illness treatments. Make sure there are no duplicates.
7. List the animal ID, breed and name for animals that came from China.
8. List the member name and membership title for all members who live in the city of Mankato.
9. List all the product names and their purchased price if the purchased price is greater than \$10.00.
10. List the first name, office building and department name of all employees who have a department and office building.
11. List the animal names that were treated by 'Brent Wade'.
12. Select all the volunteer names and their phone number who are working in 'Security' department.
13. List the animal name, medication prescribed, vet assigned for all animals. Order the results by the vet's last name.
14. List the name of animals, vet's first name and medication directions of the animal whose name is Ava.
15. Return the first name, last name, and bonus of each researcher at the Minnesota Zoo in the Aquatic Research building.

16. Return the animal name, animal breed, prescription date, prescription and medicine type of all animals who were treated by a vet with the first name of Michael. Order alphabetically by animal name.
17. List the name of all animals, as well as the animal's breed and habitat, who contracted Neonatal Conjunctivitis and whose living environment is Savannah or Grasslands.
18. List the animal name, breed name, living environment, and the first and last name of the vet who prescribed the most medications to animals.
19. Select employees' last name and their department name, even if they do not have a department. Only list employees whose last name starts with M or R.
20. List all the office IDs and building names as well as the first and last names of employees occupying them. If no employee is occupying an office, then the name columns should appear null.
21. Find the employee ID, department ID, department name, and employee last name of all the employees who live in Apple Valley. Include those who are not assigned a department.
22. List the first name, last name, salary, and researcher bonus of all employees making over \$65,000 dollars a year, regardless of whether they received a researcher bonus or not.
23. List the first name, last name, and department name of all employees who have left the company even if they did not have a department.
24. List the first and last names of employees, as well as the name of the zoo they work at, for every employee whose last name begins with "L". Include zoos with no employees and employees who aren't assigned a zoo.
25. List the animal name, animal departure date, and medication id for all animals even if they have not departed and if they do not take medication.
26. List the first and last names of customer service employees in addition to their department. Include employees with no department as well as departments with no employee.
27. List the product name and bar code number of the product that has the maximum selling price. Use subqueries.
28. List the name and type of the products that were ordered from the warehouse with an ID of '2'. Arrange your output by product name in reverse alphabetical order. Use a subquery.
29. List the payment ID and sum of the payment amount. Group by payment ID and list only those that have a payment amount of more than \$5000.

30. List all vets' last names and the total amount of prescriptions they have given out. Only list the ones that gave out more than 15 prescriptions and use an alias name TOTAL_PRESCRIPTION.

Submitting Assignment

Follow the Submission Guidelines on D2L to format your submission(s). **Name** the files using, LastnameFIZOO3 as part of the file name, e.g. WellsZOO3, and **drop** it in the Question 3 dropbox(s) on D2L.