

Zoo – Questions 1

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. Select the store ID and store phone number for all stores in 'St.Paul'.
2. Find the first and last names, and employee type of all employees who are not from Cottage Grove and have an employee type of 'KE'.
3. List all illnesses that are treated with diet change.
4. List the different titles of members and their price.
5. Select the last name and first name of each veterinarian. Also include the hospital in which they work from.
6. List all vet hospitals. Do not include duplicates.
7. Return all store cities and ensure there are no duplicates.
8. List the animal name, animal breed name and the animal checkup height from all the animals who have a checkup height of more than 33. List each animal only once.
9. List the ID, last name, and phone number of each vet who works at Normandale Vet Hospital or Edina Pet Hospital. Use an IN clause.
10. How many animals fall in the breed 'Grizzly Bear' and how many in the breed 'Polar Bear'? Use the IN clause. Group your results by animal breed name.
11. List the employee ID, employee first and last name whose salary is greater than \$75,000. Order the data by the employee's last name.
12. Which animals were born in 2005 or later? List by youngest to oldest.
13. List all the medication types that have a unit of measure in ml. Order by medication type.
14. List the largest total amount for a receipt.
15. List the minimum amount paid with check.

16. Find the average price that products are purchased for. Round the answer to the nearest integer amount.
17. Find the average private event price. Round it to the nearest integer and rename the computed column to AVG_EVENT_PRICE.
18. List the difference between the highest payment and the average payment.
19. Display all different pay types and sum of all the payments each type has received. Use an alias name "TOTAL_PAY".
20. Find the number of payments made by each credit card type. List the card type as well and do not include a null type. Rename the total payments column to "TOTAL".
21. List the highest payment amount for each payment type. Use an alias name HIGH_PAY.
22. List the product ID and the minimum inventory amount for each product ID.
23. List the number of employee(s) and the zoo name who received a customer service commission of greater than or equal to 15 percent for each zoo.
24. List the product ID and the total quantity for each product sold. Order in descending order by total quantity sold.
25. List all employee IDs of employees that have a receipt sum of less than 20 dollars.
26. How many animals were rescued from the wild? Only return the number and use an alias name RESCUED_WILD.
27. Find the illness(es) that affected at least 6 animals.
28. In which zoo was the private event that cost the most hosted? List the zoo name and the private event price. Use a subquery.
29. List the animal ID, breed and name for animals that came from China.
30. Display the name of the animal and its living environment for the animals acquired from the San Diego Zoo.

Submitting Assignment

Follow the Submission Guidelines on D2L to format your submission(s). **Name** the files using, LastnameFIZOO1 as part of the file name, e.g. WellsZOO1, and **drop** it in the Question 1 dropbox(s) on D2L.