

SQL Commands - Self-Test Answers

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-- Question 1: How many animals does this pet shop have?  
  
SELECT SUM(IN_STOCK)  
  
FROM STOCKS;  
  
-- Question 2: How much will a customer pay if he wants to buy a pair of Chow  
-chows?  
  
SELECT SUM(PRICE)  
  
FROM STOCKS  
  
WHERE BREED = 'Chow-chow';  
  
-- Question 3: How many rabbits are available? Show the result by breed.  
  
SELECT BREED, SUM(IN_STOCK)  
  
FROM STOCKS  
  
WHERE CATEGORY = 'Rabbit'  
  
GROUP BY BREED;  
  
-- Question 4: How many breeds of each animal does this pet shop have?  
  
SELECT CATEGORY, COUNT(DISTINCT BREED)  
  
FROM STOCKS  
  
GROUP BY CATEGORY;  
  
-- Question 5: Show the matrix with 25% discount for purchasing a pair  
  
SELECT CATEGORY, BREED,  
  
       SUM(PRICE) AS PricePerPair,  
  
       SUM(PRICE) * 0.25 AS Discount  
  
FROM STOCKS  
  
GROUP BY CATEGORY, BREED;
```