1. Write a query in SQL to display the first name, last name, department id, and department name for each employee

SELECT first\_name, last\_name, deparment\_id, department FROM employee;

Print all employees

SELECT \* FROM employee

Print all employees with First\_name starting with an A, E, I, O, U  
  
 SELECT first\_name FROM employee WHERE first\_name like "A%" OR first\_name LIKE "E%" OR first\_name like "U%" OR first\_name like "I%" OR first\_name like "O %";

Write a query in SQL to display the first and last name, department, and city for each employee  
 SELECT first\_name, last\_name, department, City FROM employee;

Where is City is Atlanta, New York, Orlando

SELECT first\_name, last\_name, City FROM employee where City = "orlando" OR City = "New York" OR City = "Atlanta";

Count of employees from each city   
 SELECT City, COUNT(\*) From employee GROUP BY City ORDER BY COUNT(\*) DESC;

Write a query in SQL to display the first name, salary, and department name for all employees

Top 5 salary  
 SELECT first\_name, salary, department FROM employee ORDER BY salary DESC LIMIT 5;

Highest salary in each department

SELECT a.first\_name, a.department, salary FROM employee a

INNER JOIN (SELECT first\_name, MAX (salary) AS MaxSalary FROM employee

GROUP BY first\_name ) b

ON a.first\_name = b.first\_name

AND a.salary = b.MaxSalary ;

Only show the last 4 digits of the Social.

SELECT first\_name, SUBSTR(social,-4,4) AS social FROM employee