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SQL QUERIES SUMMARY:

1.1.1 SELECT * FROM departments;

1.1.2 SELECT emp_id, first_name, last_name FROM employees;

1.1.3 SELECT title FROM titles;

1.1.4 SELECT DISTINCT title FROM titles ORDER BY title ASC;

1.1.5 SELECT first_name, last_name FROM employees ORDER BY first_name ASC;

1.2.1 SELECT COUNT(*) FROM employees WHERE hire_date = '1991-05-01';

1.2.2 SELECT DISTINCT emp_id, COUNT(emp_id) FROM titles GROUP BY emp_id HAVING COUNT (*) > 2 ;

1.2.3 SELECT * FROM employees WHERE gender = 'F';

1.2.4 SELECT * FROM employees WHERE hire_date < '1986-01-01' AND last_name = 'Simmel';

1.2.5 SELECT COUNT(last_name) AS totalWithB FROM employees WHERE last_name LIKE 'B%';

1.2.6 CREATE TABLE emp_training(trainer_no INTEGER PRIMARY KEY AUTOINCREMENT NOT NULL, first_name VARCHAR(30) NOT NULL, last_name VARCHAR(30) NOT NULL, t_module VARCHAR(20));

1.2.7 INSERT INTO emp_training (first_name, last_name, t_module) VALUES ('Joe', 'Bloggs', 'Google Docs');
INSERT INTO emp_training (first_name, last_name, t_module) VALUES ('Fred', 'Bloggs', 'Google Sheets');

1.2.8 DROP TABLE IF EXISTS emp_training;

1.2.9 ALTER TABLE employees ADD COLUMN email_address VARCHAR(20);

1.2.10 UPDATE employees SET email_address = 'gfacello@gmail.com' WHERE emp_id = '10001';

1.3.1 SELECT dept_id, sum(gender = 'F') AS num_empFemale, sum(gender = 'M') AS num_empMale FROM dept_manager dm INNER JOIN employees e ON dm.emp_id = e.emp_id GROUP BY dept_id ORDER BY dept_id ASC;

1.3.2 SELECT gender, AVG(salary) AS avg_salary, title FROM titles tile INNER JOIN employees e, salaries sal ON tile.emp_id = e.emp_id AND tile.emp_id = sal.emp_id AND e.emp_id = sal.emp_id WHERE title = 'Technique Leader' GROUP BY gender;

1.3.3 SELECT COUNT(emp_id) FROM salaries WHERE to_date = '9999-01-01' AND salary BETWEEN 90000 AND 90040;

1.3.4 SELECT DISTINCT last_name, first_name, salary FROM employees e INNER JOIN salaries sal ON e.emp_id = sal.emp_id WHERE to_date = '9999-01-01' AND salary > 90000 GROUP BY last_name, first_name ORDER BY LOWER(last_name) DESC, LOWER(first_name) DESC;

1.3.5 SELECT e.first_name, e.last_name, s.salary, from_date, to_date FROM employees e INNER JOIN salaries s ON e.emp_id = s.emp_id WHERE e.emp_id = '10012';