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12/26/2023

**Relational Databases with MySQL Week 1 Coding Assignment**

1. Show all employees who were born before 1965-01-01.
   1. Query

SELECT \* FROM employees WHERE birth\_date < '1965-01-01';

* 1. Query Screenshot

A black and white screen with white text

Description automatically generated

* 1. Query Results Screenshot

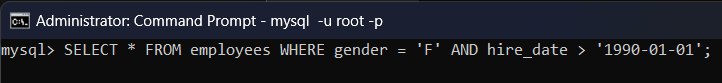
A screenshot of a computer screen

Description automatically generated

1. Show all employees who are female and were hired after 1990.
   1. Query

SELECT \* FROM employees WHERE gender = 'F' AND hire\_date > '1990-01-01';

* 1. Query Screenshot



* 1. Query Results Screenshot

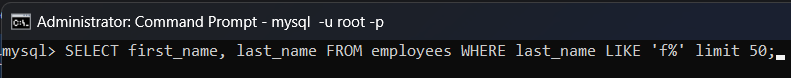
A screenshot of a computer

Description automatically generated

1. Show the first and last name of the first 50 employees whose last name starts with F.
   1. Query

SELECT first\_name, last\_name FROM employees WHERE last\_name LIKE 'f%' LIMIT 50;

* 1. Query Screenshot



* 1. Query Results Screenshot

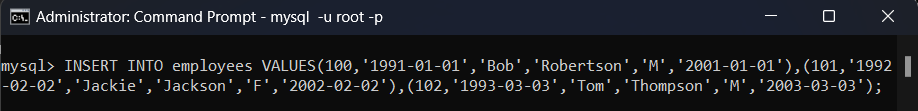
A screenshot of a computer screen

Description automatically generated

1. Insert 3 new employees into the employees table. Their emp\_no should be 100, 101, and 102. You can choose the rest of the data.
   1. Query

INSERT INTO employees VALUES(100,'1991-01-01','Bob','Robertson','M','2001-01-01'),(101,'1992-02-02','Jackie','Jackson','F','2002-02-02'),(102,'1993-03-03','Tom','Thompson','M','2003-03-03');

* 1. Query Screenshot



* 1. Query Results Screenshot

A black background with white text

Description automatically generated

A screenshot of a computer

Description automatically generated

1. Change the employee’s first name to Bob for the employee with the emp\_no of 10023.
   1. Query

UPDATE employees SET first\_name = 'Bob' WHERE emp\_no = 10023;

* 1. Query Screenshot

A screenshot of a computer

Description automatically generated

* 1. Query Results Screenshot

A screenshot of a computer

Description automatically generated

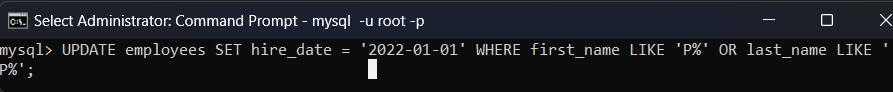
A screenshot of a computer program

Description automatically generated

1. Change all employees hire dates to 2022-01-01 whose first or last names start with P.
   1. Query

UPDATE employees SET hire\_date = '2022-01-01' WHERE first\_name LIKE 'P%' OR last\_name LIKE 'P%';

* 1. Query Screenshot



* 1. Query Results Screenshot

A screen shot of a computer

Description automatically generated

A screenshot of a computer program

Description automatically generated

1. Delete all employees who have an emp\_no less than 10000.
   1. Query

DELETE from employees where emp\_no < 10000;

* 1. Query Screenshot

A close up of a message

Description automatically generated

* 1. Query Results Screenshot

A screenshot of a computer error

Description automatically generated

A screenshot of a computer

Description automatically generated

1. Delete all employees who have an emp\_no of 10048, 10099, 10234, and 20089.
   1. Query

DELETE FROM employees WHERE emp\_no IN (10048, 10099, 10234, 20089);

* 1. Query Screenshot

A black and white text

Description automatically generated

* 1. Query Results Screenshot

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated