**CREATE TABLE Employee (**

**EmployeeID INT PRIMARY KEY,**

**FirstName VARCHAR(50),**

**LastName VARCHAR(50),**

**Department VARCHAR(50),**

**Salary DECIMAL(10, 2),**

**HireDate DATE,**

**City VARCHAR(50),**

**Age INT**

**);**

**Exercise Questions**

* Select all employees who work in the 'Sales' department and earn more than 50000.

**select \***

**from employees**

**where department = 'sales' AND salary >50000;**

* Select employees who are either older than 30 or work in the 'HR' department.

**SELECT \***

**FROM employees**

**WHERE age>30 OR department = 'HR';**

* Select employees who live in 'New York' and work in the 'Finance' department.

**SELECT \***

**FROM employees**

**WHERE city= 'NEW YORK' AND department = 'Finance';**

* Update the salary of all employees in the 'IT' department by increasing it by 10%.

**UPDATE employees**

**SET salary = salary\*1.10**

**WHERE department = 'IT';**

* Delete all employees who have a salary less than 30000.

**DELETE FROM employees**

**WHERE salary < 30000;**

* Select employees who were hired after the year 2015 and work in the 'Marketing' department.

**SELECT \***

**FROM employees**

**WHERE hire\_date > '2015-12-31' AND department = 'Marketing';**

* Update the city of employees whose current city is 'Los Angeles' to 'San Francisco'.

**UPDATE employees**

**SET city = 'San Francisco'**

**WHERE city = 'Los Angeles';**

* Delete employees who are older than 60.

**DELETE FROM employees**

**WHERE age > 60;**

* Select employees whose first name starts with 'A' and work in the 'Operations' department.

**SELECT \***

**FROM employees**

**WHERE first\_name LIKE 'A%' AND department = 'Operations';**

* Select all employees who are not in the 'HR' or 'Finance' departments.

**SELECT \***

**FROM employees**

**WHERE department NOT IN('HR' , 'Finance');**

* Update the department of all employees in 'New York' to 'Head Office'.

**UPDATE employees**

**SET department = 'Head Office'**

**WHERE city = 'New York';**

* Select employees who live in either 'Chicago' or 'Boston'.

**SELECT \***

**FROM employees**

**WHERE city IN ('Chicago' , 'Boston');**

* Delete all employees from the 'Admin' department.

**DELETE FROM employees**

**WHERE department = 'Admin';**

* Select employees who earn between 40000 and 60000 and work in 'Sales'.

**SELECT \***

**FROM employees**

**WHERE salary BETWEEN 40000 AND 60000 AND department = 'Sales';**

* Update the age of all employees by adding 1 year.

**UPDATE employees**

**SET age = age+1;**

* Select employees who work in the 'IT' department and live in 'Seattle'.

**SELECT \***

**FROM employees**

**WHERE department = 'IT' AND city = 'Seattle';**

* Delete employees who were hired before 2010.

**DELETE FROM employees**

**WHERE hire\_date < '2010-01-01';**

* Update the department of employees who have a salary greater than 80000 to 'Executive'.

**UPDATE employees**

**SET department = 'Executive'**

**WHERE salary>80000;**

* Select employees who are older than 40 and have been hired after 2012.

**SELECT \***

**FROM employees**

**WHERE age > 40 AND hire\_date > '2012-12-31';**