DROP TABLE IF EXISTS Employees;

DROP TABLE IF EXISTS Departments;

CREATE TABLE Departments (

DepartmentID INTEGER PRIMARY KEY,

DepartmentName TEXT

);

CREATE TABLE Employees (

EmployeeID INTEGER PRIMARY KEY,

FirstName TEXT,

LastName TEXT,

DepartmentID INTEGER,

Salary REAL,

JoinDate TEXT,

FOREIGN KEY (DepartmentID) REFERENCES Departments(DepartmentID)

);

INSERT INTO Departments (DepartmentID, DepartmentName) VALUES

(1, 'HR'),

(2, 'IT'),

(3, 'Finance');

INSERT INTO Employees (EmployeeID, FirstName, LastName, DepartmentID, Salary, JoinDate) VALUES

(1, 'John', 'Doe', 1, 5000.00, '2020-01-15'),

(2, 'Jane', 'Smith', 2, 6000.00, '2019-03-22'),

(3, 'Bob', 'Johnson', 3, 5500.00, '2021-07-01');

SELECT

EmployeeID,

FirstName,

LastName,

Salary,

Salary \* 12 AS AnnualSalary

FROM Employees

WHERE EmployeeID = 1;

CREATE VIEW IF NOT EXISTS EmployeeAnnualSalaries AS

SELECT

EmployeeID,

FirstName,

LastName,

Salary,

Salary \* 12 AS AnnualSalary

FROM Employees;

SELECT \* FROM EmployeeAnnualSalaries WHERE EmployeeID = 1;

