Akashdeep Vasisht

Not able to run MYSQL on my mac in class, MacOS was not compatible to run application. Created tables, inserted items, and wrote sql statement to meet prompt below:

CREATE TABLE Empolyee

(

EmpolyeeId INT PRIMARY KEY,

Name VARCHAR(50) NOT NULL,

Salary VARCHAR(50) NOT NULL

);

CREATE TABLE Department

(

Department INT PRIMARY KEY,

DepartmentName VARCHAR(50) NOT NULL

);

CREATE TABLE EmpolyeeDeparment

(

EmpolyeeId INT,

DepartmentId INT

);

INSERT INTO Employee (EmployeeID, Name, Salary) VALUES

(1, 'Akash Vasisht', 50000),

(2, 'Vanessa Macias', 60000),

(3, 'Amaan Eziz', 55000),

(4, 'Shahroz Hamid', 52000),

(5, 'Kevin Verduczo', 58000);

INSERT INTO Department (DepartmentID, DepartmentName) VALUES

(1, 'IT'),

(2, 'Customer Service'),

(3, 'HR');

INSERT INTO EmployeeDepartment (EmployeeID, DepartmentID) VALUES

(1, 1), -- Akash Vasisht in IT

(2, 2), -- Vanessa Macias in Customer Service

(3, 1), -- Amaan Eziz in IT

(4, 1), -- Shahroz Hamid in IT

(5, 3); -- Kevin Verduczo in HR

SELECT DepartmentName, SUM (Salary) AS TotalSalary

FROM Department

JOIN EmployeeDepartment ON DepartmentID

JOIN Employee ON EmployeeID

GROUP BY DepartmentName

HAVING COUNT(EmployeeID) >= 3;