* Create the PROJECT table

CREATE TABLE PROJECT (

PNO INT PRIMARY KEY,

PNAME VARCHAR(255),

CHIEF VARCHAR(255)

);

* Create the EMPLOYEE table

CREATE TABLE EMPLOYEE (

EMPNO INT PRIMARY KEY,

EMPNAME VARCHAR(255)

);

* Create the ASSIGNED table with foreign key constraints

CREATE TABLE ASSIGNED (

PNO INT,

EMPNO INT,

PRIMARY KEY (PNO, EMPNO),

FOREIGN KEY (PNO) REFERENCES PROJECT(PNO),

FOREIGN KEY (EMPNO) REFERENCES EMPLOYEE(EMPNO)

);

* A. Get the count of employees working on a project

SELECT PNO, COUNT(EMPNO) AS EmployeeCount

FROM ASSIGNED

GROUP BY PNO;

* B. Get the details of employees working on project pr002

SELECT e.EMPNO, e.EMPNAME

FROM EMPLOYEE e

JOIN ASSIGNED a ON e.EMPNO = a.EMPNO

JOIN PROJECT p ON a.PNO = p.PNO

WHERE p.PNAME = ‘pr002’;

* C. Get the details of employees working on project DBMS

SELECT e.EMPNO, e.EMPNAME

FROM EMPLOYEE e

JOIN ASSIGNED a ON e.EMPNO = a.EMPNO

JOIN PROJECT p ON a.PNO = p.PNO

WHERE p.PNAME = ‘DBMS’;