**Queries & Solutions**

-- Q1. Find all Stakeholders who belong to the “public” domain.

SELECT Person.Person\_ID, Name

FROM Person, Stakeholder

WHERE Person.Person\_ID = Stakeholder.Person\_ID AND

Stakeholder.Domain = 'public';

-- Q2. Find all Stakeholders who have provided at least five comments or

-- suggestions.

SELECT Person\_ID

FROM Person, Comments\_n\_Suggestions

WHERE Person\_ID = Stakeholder\_Person\_ID

GROUP BY Person\_ID

HAVING COUNT(Topic) >= 5;

-- Q3. Find Graduates who are supervised by more than one professor and assigned

-- to more than one research laboratory.

SELECT G.Person\_ID

FROM Graduate AS G

WHERE G.Person\_ID IN (

SELECT A.Graduate\_Person\_ID

FROM Assign AS A

    GROUP BY A.Graduate\_Person\_ID

    HAVING COUNT(Lab\_Name) > 1

)

GROUP BY G.Person\_ID

HAVING COUNT(\*) > 1;

-- Q4. Find all Professors who teach more than one courses in the semester.

SELECT Person\_ID, Name

FROM Person

WHERE Person\_ID IN (

SELECT T.Prof\_Person\_ID

FROM Timetable AS T

GROUP BY T.Prof\_Person\_ID

HAVING COUNT(\*) > 1

);

-- Q5. List all the Equipment belonging to a particular Laboratory.

-- Assume Lab Name = "Software Lab 2"

SELECT DISTINCT Name

FROM Equipment AS E

WHERE E.Lab\_Name = 'Software Lab 2';

-- Q6. Find all Undergraduates who have not attended at least one laboratory experiments.

SELECT Name

FROM Person AS P, Experiments AS E

WHERE P.Person\_ID = E.Undergraduate\_Person\_ID

AND E.Attendance = 0;

-- Q7. List all Graduates who are doing research and taking courses in the semester.

SELECT DISTINCT P.Person\_ID, Name

FROM Person AS P, Assign as A, Takes as T

WHERE P.Person\_ID = A.Graduate\_Person\_ID

AND P.Person\_ID = T.Person\_ID;