Assesment3\_Subqueries & Joins

**Subqueries**

Exercise 1

Problem Statement:

Write a query to display trainer IDs for all associates whose names contain the letter 'i'. Note: Use sub-query to achieve this.

SELECT Trainer\_Id

FROM associate\_status

WHERE Associate\_Id IN (SELECT Associate\_Id

FROM associate\_info

WHERE Associate\_Name LIKE '%i%');

Problem Statement:

Write a query to display trainer IDs for all associates whose names do not contain the letter 'i'.

Note: Use sub-query to achieve this.

SELECT Trainer\_Id

FROM associate\_status

WHERE Associate\_Id IN (SELECT Associate\_Id

FROM associate\_info

WHERE Associate\_Name LIKE '%i%');

Problem Statement:

Write a query to display trainer ID and trainer rating for the trainers who handled J2EE module. Hint: Use trainer\_feedback and associate status tables.

Note: Use sub-query to achieve this.

SELECT Trainer\_Id

FROM associate\_status

WHERE Associate\_Id IN (SELECT Trainer\_Rating

FROM Trainer\_feedback

WHERE Associate\_Name LIKE '%i%');

Exercise 2

Problem Statement:

Write a query to pick up the maximum marks secured in the subject “EI05IP” and display the student name and registration number of the student who has secured it.

select Student\_name, Registration\_No, from Student\_info where EI05IP =(select Max(EI05IP) from Student\_info);

Problem Statement:

Write a query to display the student name and registration number of the student who has secured second highest marks in the subject El05lP subject.

select Student\_name, Registration\_No, from Student\_group by salary

order by EI05IP desc limit 1,1;

**Joins**

Exercise 1

Problem Statement:

Write a query to display trainer\_id and batch\_id details in such a way that we get all possible combinations of trainer IDs and batch IDs.

Hint: Use Trainer\_Info and Batch\_Info tables.

Problem Statement:

Write a query to display the records from all columns of tables associate\_status and batch\_info, wherever the batch\_id in the two tables matches.

Problem Statement:

Write a query to display the associate IDs of the associates tagged to trainers and all the trainer IDs irrespective of whether there are any associates tagged to them or not. Hint: Use associate\_status and trainer\_info tables.

Note: Use Left Outer Join