**HDIS (23.2)-ADBMS (Colombo)**

**End module Group Assessment (Total:50 Marks)**

**Group size: 4-5 members (Maximum)**

**Demonstration date: 24th April 2024 at 8.30 am**

Write the index numbers and names on the first slide.

**Question**

Each group can select any real-world business organisation and create an Oracle database having at least two related tables. Implement the following queries using **Oracle PL/SQL**. (Attach the screenshot with the query and output)

1. Create tables with primary key and foreign key constraints having auto-increment sequences for one of the tables.
2. Insert a set of matching records for the above tables.
3. Write any select queries each using where, group by, having, and order by.
4. Write a single-row and multiple-row subquery using the above tables.
5. Write queries using left, right, and full outer joins. (There should be suitable records inserted to get the required outputs)
6. Create a view using one of the tables created.
7. Write a PL/ SQL block to retrieve a record for specific input.
8. Write a PL/ SQL block to update a record for specific input.
9. Write a PL/ SQL block to delete a record for specific input.
10. Modify the above query to display the number of rows deleted.

**Deliverables**

Prepare a presentation with the following.

* Briefly describe the organization and business your group selected for this task.
* Demonstrate the Oracle queries mention above
* Every member must participate in the demonstration.

\*\* Marks will be deducted for plagiarism.

*\*\*\*\*End of the Assessment\*\*\*\**