

HDSE (22.1)-ADBMS (Matara)

End module Group Assessment (Total:50 Marks)

Group size: 3-4 members (Maximum)

Presentation date: 23rd June 2023 at 9.00 am (LMS upload on 22nd June 2023)

Write the index numbers and names on the cover page and upload it as a single pdf document by the group leader only. (Each group needs to submit a single file only)

Question

Each group can select any real-world business organization 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 sequence 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 report with the following outcomes and upload it on LMS.

- Briefly describe the organization and its business that your group selected for this task.
- Each answer must have the screenshot with the query and the output.
- Every member must participate for the presentation.

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