**CSD 4203 – Database Programming**

**Term : 2023S**

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**Assignment # 8**

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**# Table creation**

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**# Compound Trigger creation**

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**# Implementing the trigger through insert, update or delete**

**# INSERT**

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**# UPDATE**

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**# DELETE**

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# A compound trigger is a type of trigger in Oracle PL/SQL that groups multiple timing points (e.g., BEFORE EACH ROW, AFTER EACH ROW, BEFORE STATEMENT, AFTER STATEMENT) into a single trigger. This allows you to handle complex DML operations on a table more efficiently.

The **trg\_player\_stats** compound trigger updates the **player\_stats** table based on changes to the players table. It collects affected player IDs during INSERT, UPDATE, or DELETE operations and processes them all at once after the DML operations are complete. This ensures that the **player\_stats** table is accurately updated with the new or changed data, and avoids common issues like mutating table errors.