**CS 532 Project 2**

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**Java Code:**

Mydemo3.java – Contains the main method and runs all the queries.

**PL-SQL:**

**Functions:**

Show\_students : Displays the student table

Show\_courses : Displays the Courses table

Show\_pre : Displays the Prerequisites table

Show\_classes: Displays the classes table

Show\_enrollments: Displays the enrollments table

Show\_logs: Displays the logs table.

Query\_6 : Runs query 6.

Query\_4: Runs query 4.

Query\_7: Runs query 7.

**Procedures:**

Query8: Runs query8.

InsertStudents: Runs query3.

Query9: Runs query9.

**Sequences:**

Query1: For query 1. Generates log sequences.

**Triggers:**

Query7: Trigger to increment class\_size in query 7.

Query9Trigger : Deletes from Enrollment when you delete from Students.

LOG\_TRIGGER : Trigger to get next logid from Sequence Query1.

Query10 : Trigger fires after insert in students table.

Trigger1: Trigger fires after delete in students table.

Trigger2: Trigger fires after insert in enrollments table.

Trigger3: Trigger delete after insert in students table.

Trigger4 : Trigger reduces class\_size if deletion from enrollments table.