EXERCISE-17

TRIGGER

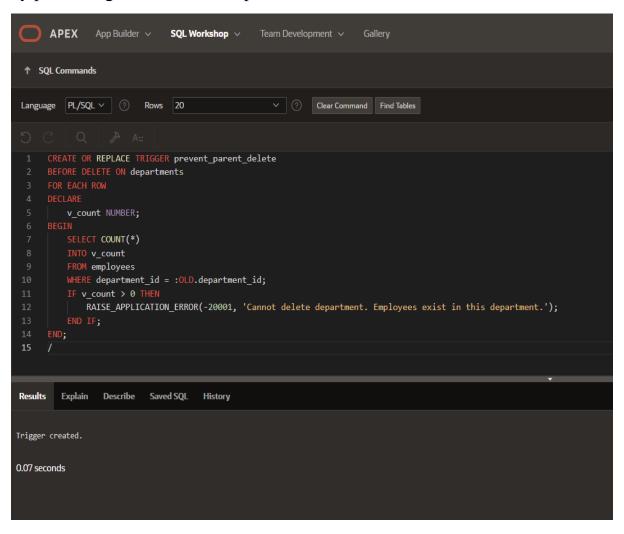
Name: Vedhasree S

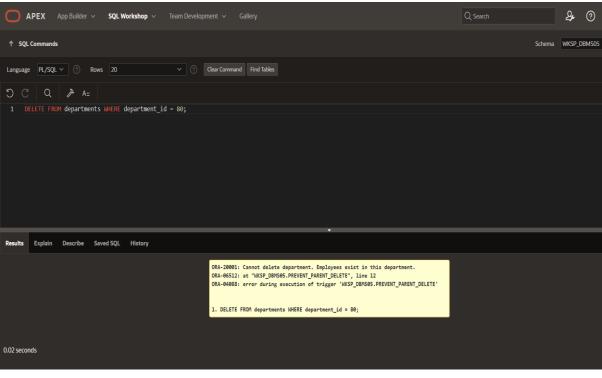
Register Number: 240701580

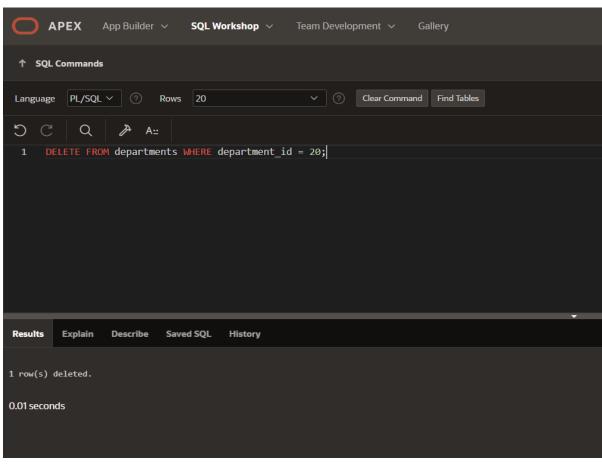
Department: CSE

PROGRAM 1

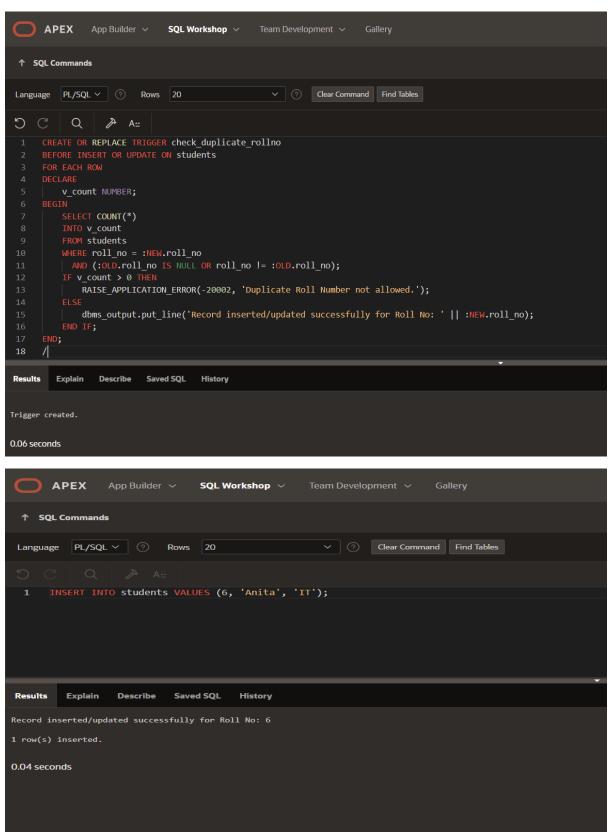
Write a code in PL/SQL to develop a trigger that enforces referential integrity by preventing the deletion of a parent record if child records exist.

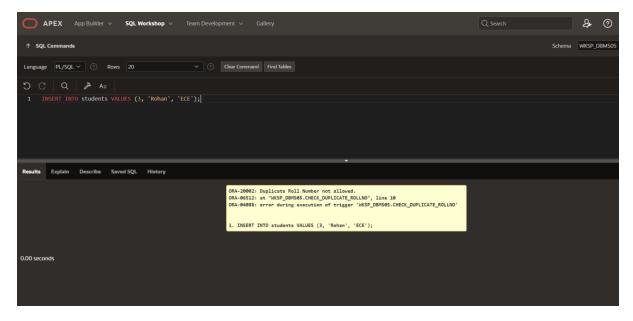




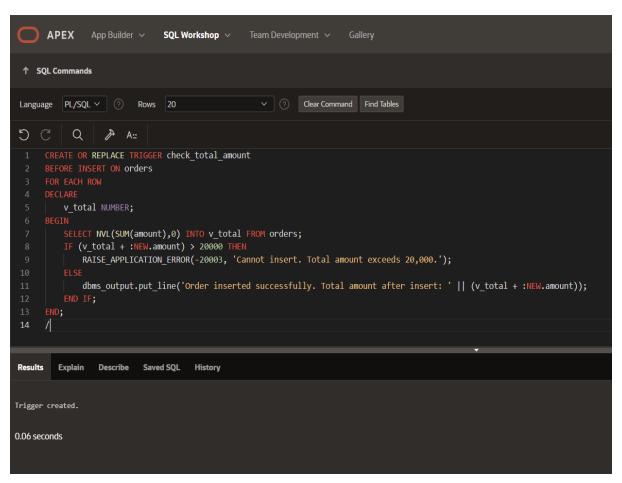


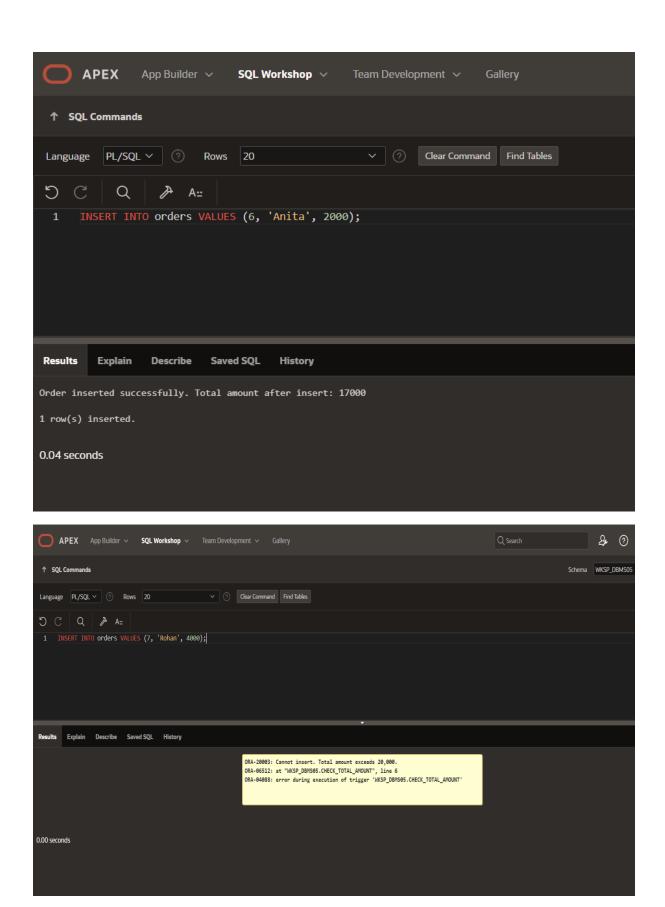
Write a code in PL/SQL to create a trigger that checks for duplicate values in a specific column and raises an exception if found.



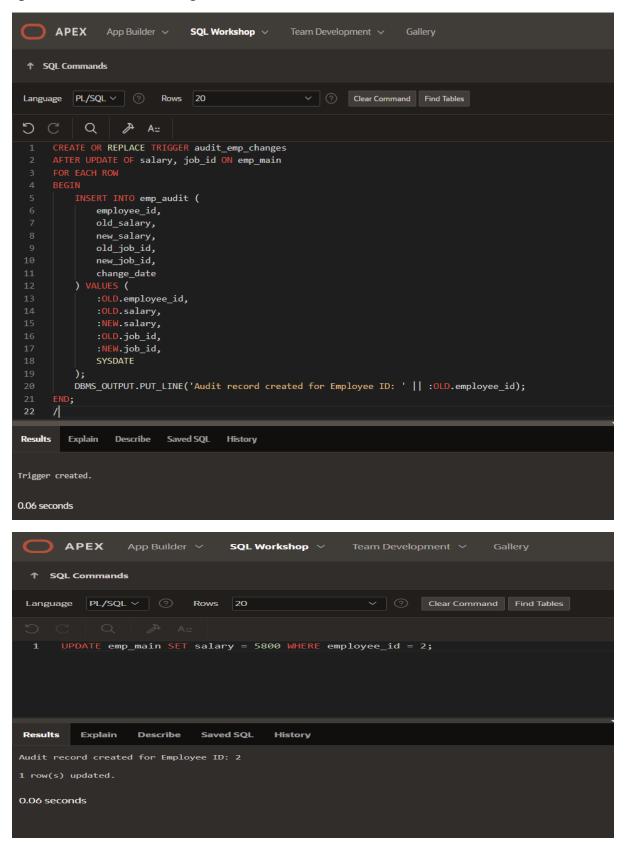


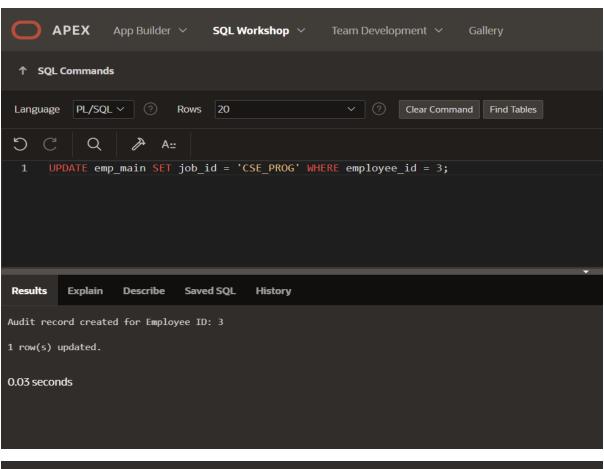
Write a code in PL/SQL to create a trigger that restricts the insertion of new rows if the total of a column's values exceeds a certain threshold.

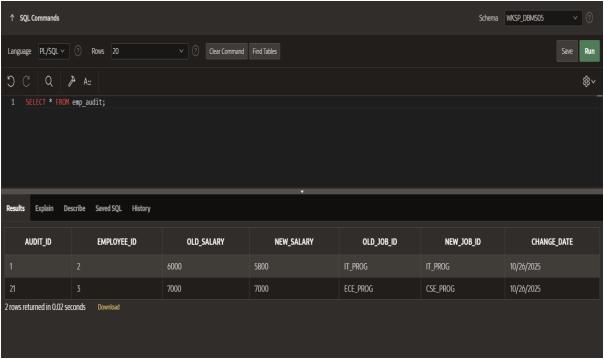




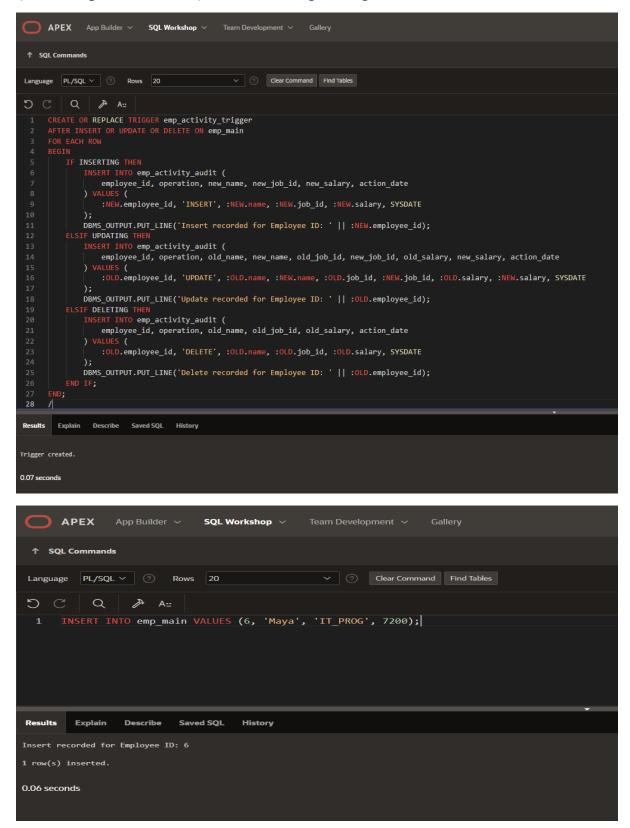
Write a code in PL/SQL to design a trigger that captures changes made to specific columns and logs them in an audit table.

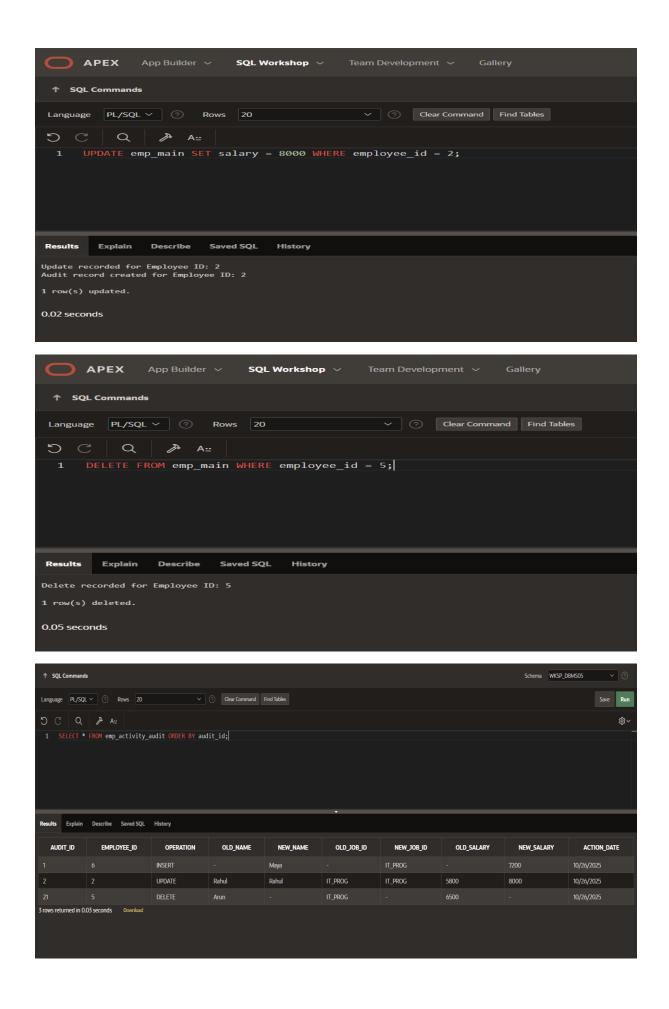




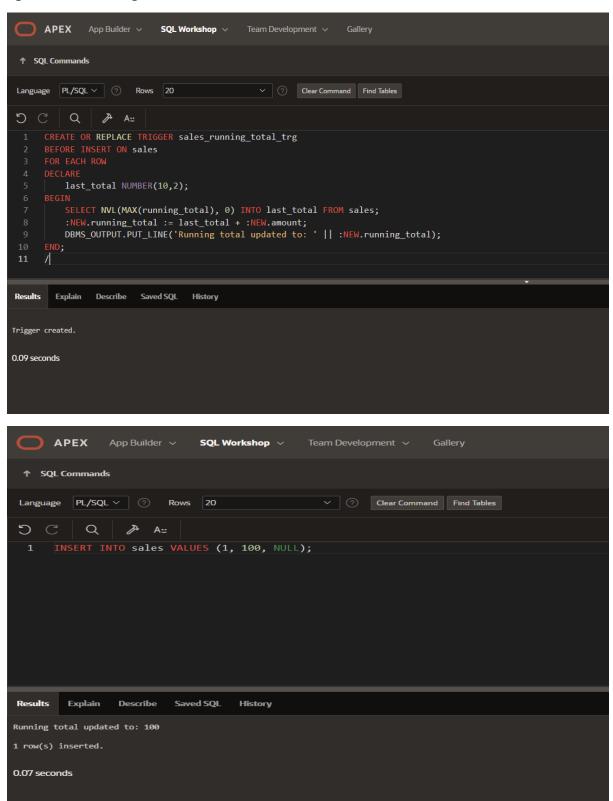


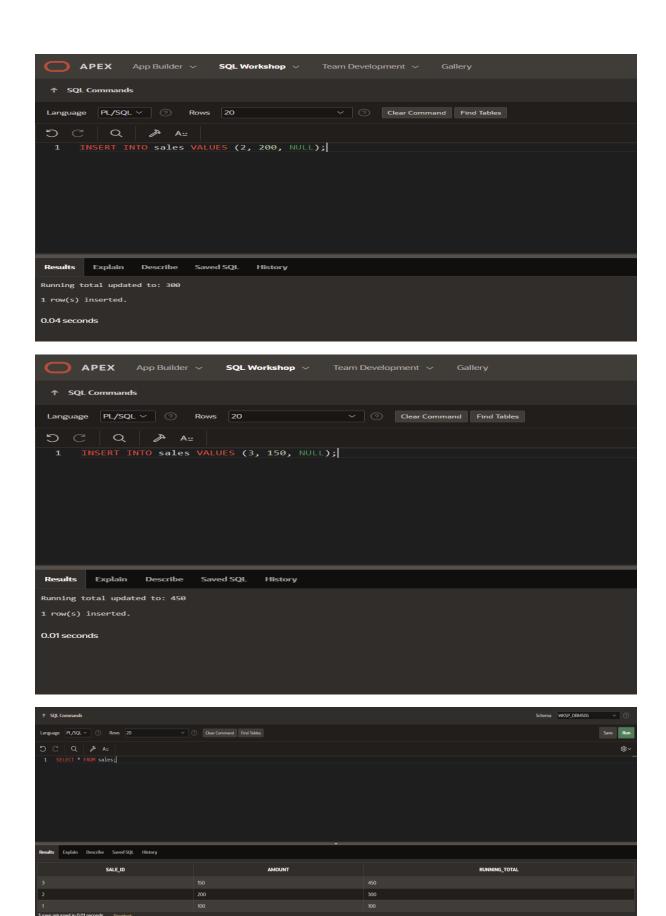
Write a code in PL/SQL to implement a trigger that records user activity (inserts, updates, deletes) in an audit log for a given set of tables.





Write a code in PL/SQL to implement a trigger that automatically calculates and updates a running total column for a table whenever new rows are inserted.





Write a code in PL/SQL to create a trigger that validates the availability of items before allowing an order to be placed, considering stock levels and pending orders.

