**Exercise 2: Error Handling**

**Scenario 2:** Manage errors when updating employee salaries.

* + **Question:** Write a stored procedure **UpdateSalary** that increases the salary of an employee by a given percentage. If the employee ID does not exist, handle the exception and log an error message.

ANS:

CREATE OR REPLACE PROCEDURE UpdateSalary(p\_employee\_id IN NUMBER, p\_percentage IN NUMBER) IS

BEGIN

UPDATE Employees

SET Salary = Salary + (Salary \* p\_percentage / 100)

WHERE EmployeeID = p\_employee\_id;

IF SQL%ROWCOUNT = 0 THEN

RAISE\_APPLICATION\_ERROR(-20003, 'Employee ID not found.');

END IF;

COMMIT;

EXCEPTION

WHEN OTHERS THEN

DBMS\_OUTPUT.PUT\_LINE('Error: ' || SQLERRM);

ROLLBACK;

END;