Assignment 30

Package

CREATE OR REPLACE PACKAGE salary\_pkg AS

PROCEDURE update\_sal (

p\_employee\_id IN employees.employee\_id%TYPE,

p\_new\_salary IN employees.salary%TYPE

);

END salary\_pkg;

/

CREATE OR REPLACE PACKAGE BODY salary\_pkg AS

PROCEDURE update\_sal (

p\_employee\_id IN employees.employee\_id%TYPE,

p\_new\_salary IN employees.salary%TYPE

) IS

v\_old\_salary employees.salary%TYPE;

BEGIN

BEGIN

SELECT salary INTO v\_old\_salary

FROM employees

WHERE employee\_id = p\_employee\_id;

IF validate\_raise(v\_old\_salary, p\_new\_salary) THEN

UPDATE employees

SET salary = p\_new\_salary

WHERE employee\_id = p\_employee\_id;

ELSE

RAISE\_APPLICATION\_ERROR(-20210, 'Raise too high');

END IF;

EXCEPTION

WHEN NO\_DATA\_FOUND THEN

RAISE\_APPLICATION\_ERROR(-20211, 'Employee not found');

END;

END update\_sal;

END salary\_pkg;

/

DECLARE

v\_employee\_id employees.employee\_id%TYPE := 2;

v\_new\_salary employees.salary%TYPE := 65000;

BEGIN

salary\_pkg.update\_sal(v\_employee\_id, v\_new\_salary);

DBMS\_OUTPUT.PUT\_LINE('Salary updated successfully.');

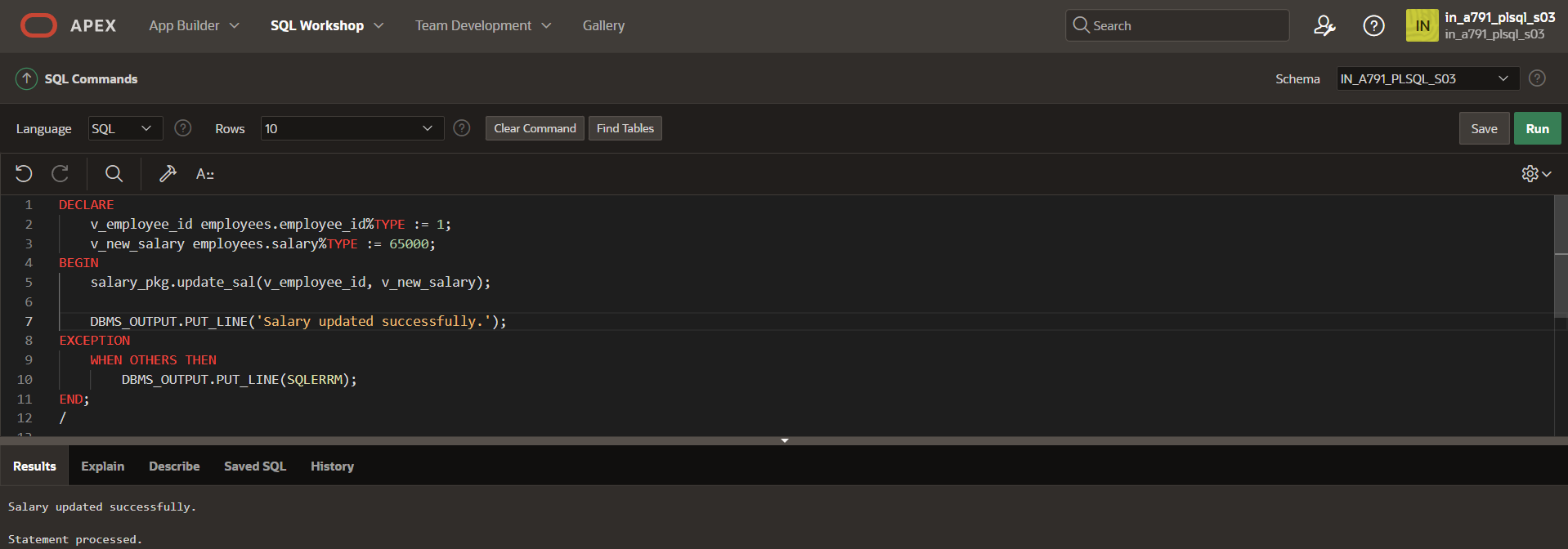
EXCEPTION

WHEN OTHERS THEN

DBMS\_OUTPUT.PUT\_LINE(SQLERRM);

END;

/



Select \* from employees order by EMPLOYEE\_ID;

