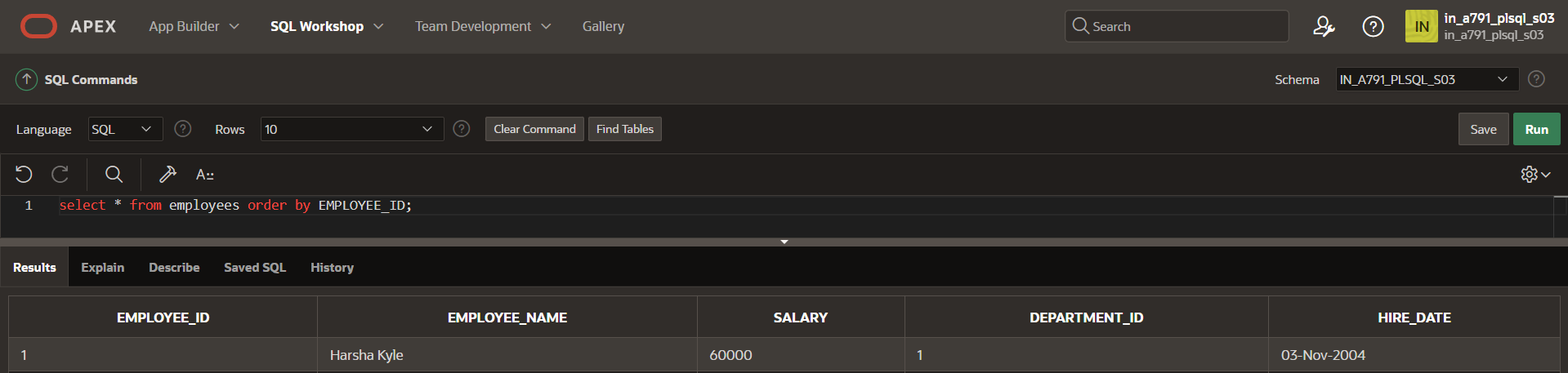
Assignment 30

Package

Select \* from employees order by EMPLOYEE\_ID;



CREATE OR REPLACE PACKAGE salary\_package1 AS

PROCEDURE update\_salary\_for\_department (

p\_department\_id IN employees.department\_id%TYPE,

p\_salary\_increase IN NUMBER

);

END salary\_package1;

/

CREATE OR REPLACE FUNCTION validate\_raise(

p\_old\_salary IN employees.salary%TYPE,

p\_new\_salary IN employees.salary%TYPE

) RETURN BOOLEAN IS

v\_max\_increase\_percentage NUMBER := 0.10;

BEGIN

IF p\_new\_salary <= p\_old\_salary \* (1 + v\_max\_increase\_percentage) THEN

RETURN TRUE;

ELSE

RETURN FALSE;

END IF;

END validate\_raise;

/

DECLARE

v\_employee\_id employees.employee\_id%TYPE := 1;

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.');

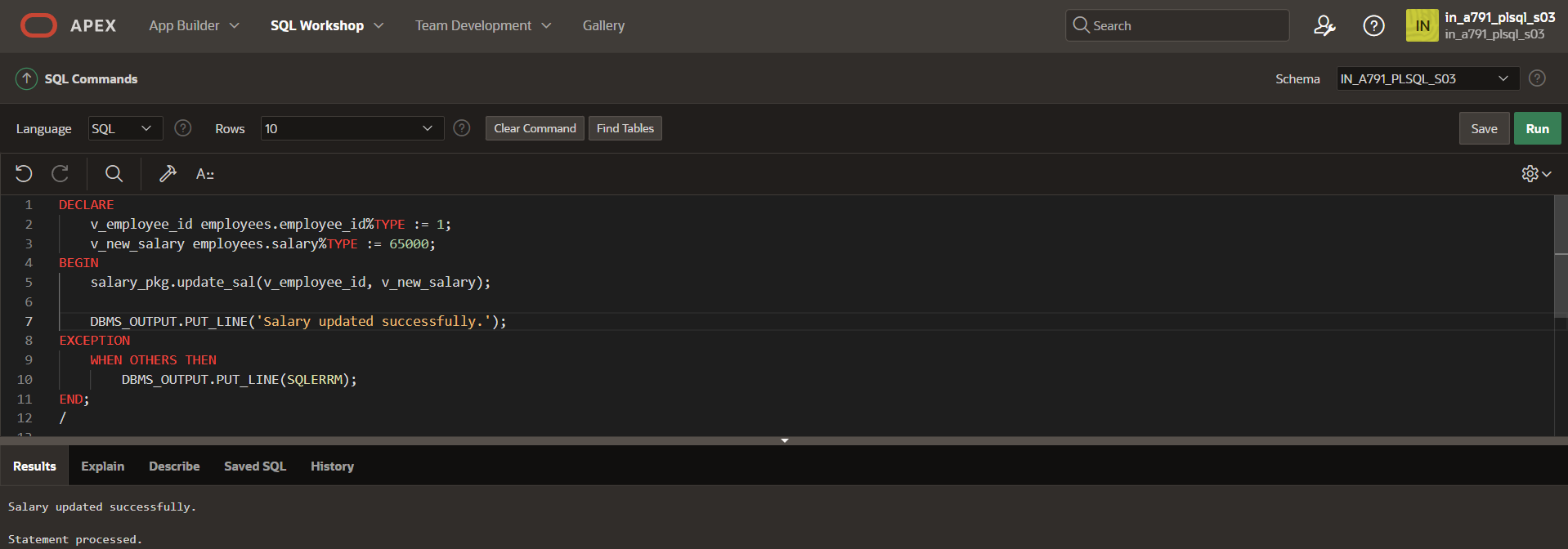
EXCEPTION

WHEN OTHERS THEN

DBMS\_OUTPUT.PUT\_LINE(SQLERRM);

END;

/



Select \* from employees order by EMPLOYEE\_ID;

