**10.Factorial**

**CREATE OR REPLACE FUNCTION factorial(n IN NUMBER) RETURN NUMBER IS**

**result NUMBER;**

**BEGIN**

**IF n=0 THEN**

**result:=1;**

**ELSE**

**result:=n\*factorial(n-1);**

**END IF;**

**RETURN result;**

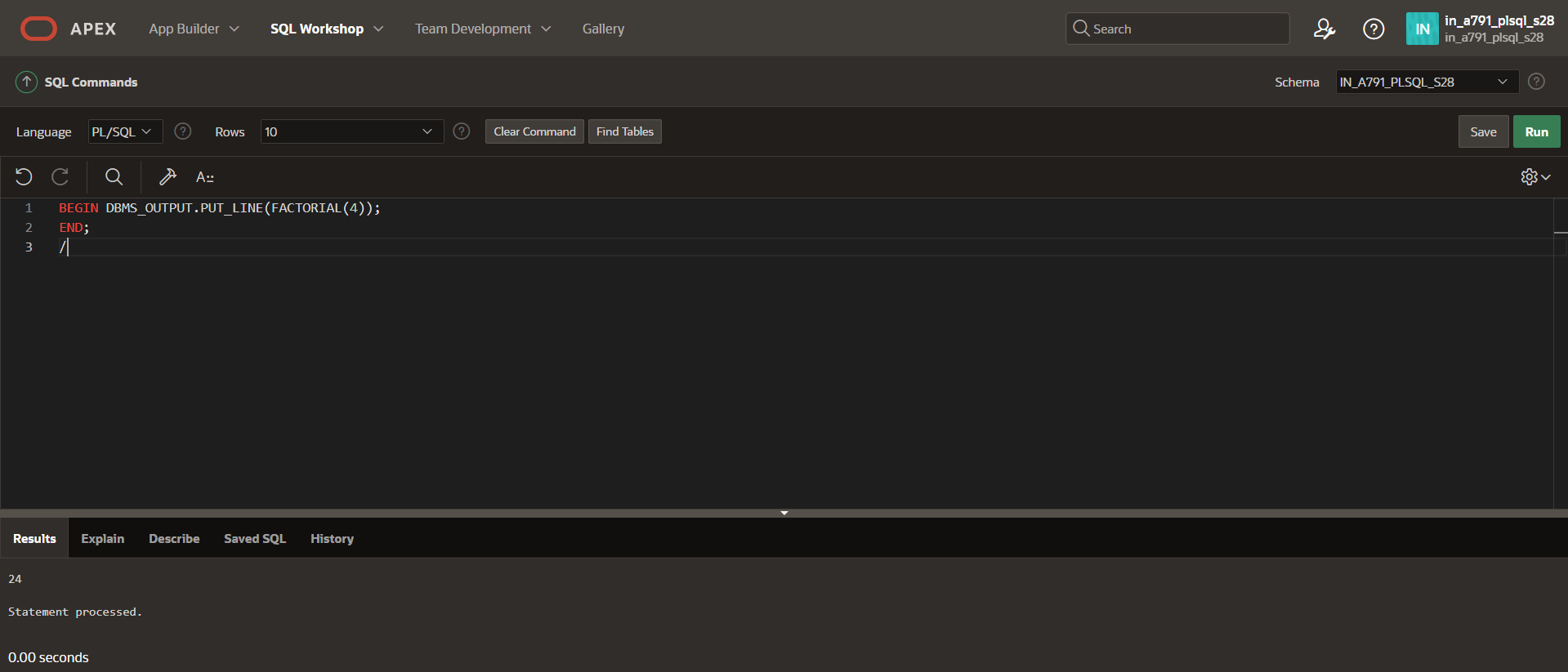
**END;**

**/**

**BEGIN DBMS\_OUTPUT.PUT\_LINE(FACTORIAL(4));**

**END;**

**/**

****