**Performance Comparison of PL/SQL Interpreted vs. Native Code**

INTERPRETED

CREATE OR REPLACE PROCEDURE longproc IS

v\_number PLS\_INTEGER;

BEGIN

FOR i IN 1..50000000 LOOP

v\_number := v\_number \* 2;

v\_number := v\_number / 2;

END LOOP;

END longproc;

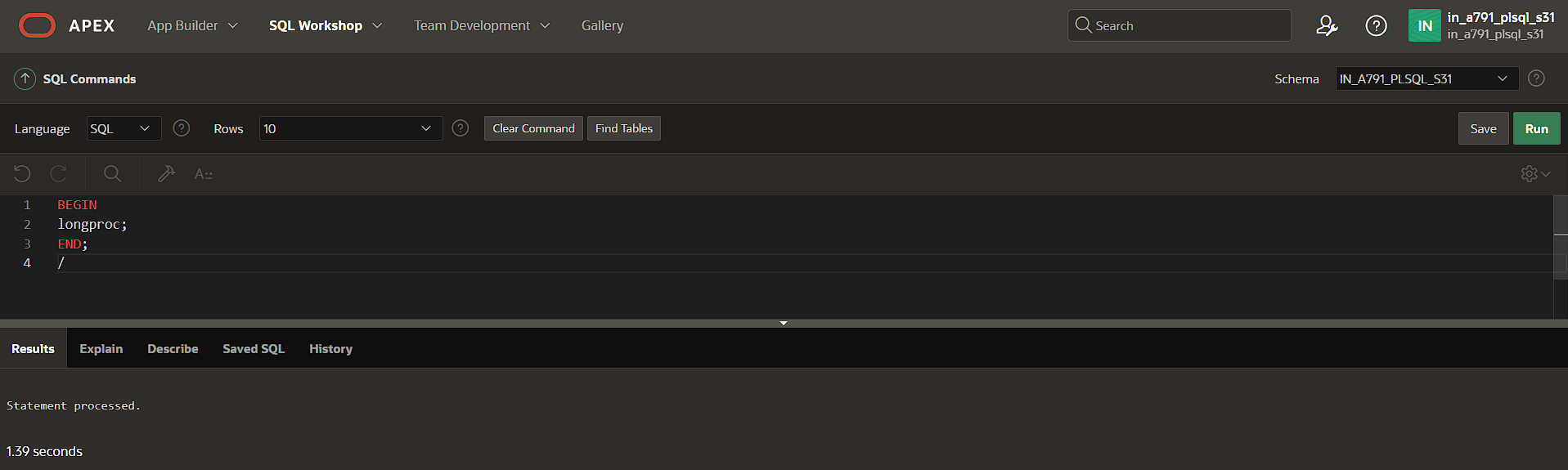
/

BEGIN

longproc;

END;

/



NATIVE CODE

ALTER SESSION SET PLSQL\_CODE\_TYPE = NATIVE;

CREATE OR REPLACE PROCEDURE longproc IS

v\_number PLS\_INTEGER;

BEGIN

FOR i IN 1..50000000 LOOP

v\_number := v\_number \* 2;

v\_number := v\_number / 2;

END LOOP;

END longproc;

/

BEGIN

longproc;

END;

/

