Blake Bryant

Professor Ron Little

CS275 PL/SQL

April 13, 2020

CS275 Direct Assignment 3

**Scripts:**

-- SELECTS

SELECT \* FROM SECTION;

SELECT \* FROM ENROLLMENT;

SELECT COUNT(ENROLLMENT.FK\_STUDENT\_ID) AS STUDENTS\_ENROLLED

FROM SECTION

JOIN ENROLLMENT ON SECTION.SECTION\_ID = ENROLLMENT.FK\_SECTION\_ID

WHERE SECTION.FK\_CLASS\_NUMBER = 'CS276' AND SECTION.SECTION\_ID = 44172;

-- problem 1

set feedback on;

set serveroutput on;

DECLARE

V\_STUDENT\_COUNT NUMBER;

BEGIN

-- GET STUDENT COUNT

SELECT COUNT(ENROLLMENT.FK\_STUDENT\_ID) AS STUDENTS\_ENROLLED

INTO V\_STUDENT\_COUNT

FROM SECTION

JOIN ENROLLMENT ON SECTION.SECTION\_ID = ENROLLMENT.FK\_SECTION\_ID

WHERE SECTION.FK\_CLASS\_NUMBER = 'CS276' AND SECTION.SECTION\_ID = 44172;

-- PROCESS COUNT

DBMS\_OUTPUT.PUT\_LINE('CS276 HAS ' || V\_STUDENT\_COUNT || ' STUDENTS ENROLLED.');

IF V\_STUDENT\_COUNT > 15

THEN DBMS\_OUTPUT.PUT\_LINE('A WAITING LIST HAS BEEN STARTED FOR THIS CLASS.');

ELSIF V\_STUDENT\_COUNT < 7

THEN DBMS\_OUTPUT.PUT\_LINE('THIS CLASS NEEDS TO BE CANCELED :(');

ELSIF V\_STUDENT\_COUNT >= 7 AND V\_STUDENT\_COUNT <= 15

THEN DBMS\_OUTPUT.PUT\_LINE('THIS CLASS CAN CONTINUE!');

END IF;

END;

**Screenshots:**

