CREATE PROCEDURE UpdateMidterm(IN passwords VARCHAR(15), IN SSN VARCHAR(4), IN NewScore DECIMAL(5,2))

BEGIN

DECLARE number INT DEFAULT 0;

DECLARE counting INT DEFAULT 0;

DECLARE checking CURSOR FOR

SELECT 1 FROM

(SELECT CurPasswords, 'Access Granted' result FROM passwords

WHERE CurPasswords = passwords) AS temp;

DECLARE EXIT HANDLER FOR NOT FOUND

SELECT 'Sorry; this PASSWORD was not found' AS 'Error Message';

SET counting = 0;

SET number = 0;

OPEN checking;

FETCH checking INTO number;

CLOSE checking;

SELECT COUNT(\*) FROM RawScores r WHERE r.SSN = SSN INTO counting;

IF (SSN = '' OR SSN IS NULL) THEN

SELECT 'Sorry input variables cannot be empty' AS 'Error Message', AssignmentName;

ELSEIF (SSN = '0001' OR SSN = '0002' ) THEN

SELECT 'This is not student SSN and cannot be queried' AS 'Error Message';

ELSEIF (counting = 0) THEN

SELECT 'Record not found' AS 'Error Message';

ELSEIF (number = 1) THEN

BEGIN

UPDATE RawScores SET

Midterm = NewScore WHERE RawScores.SSN = SSN;

SELECT \*, ‘Update Successful’ FROM RawScores r WHERE r.SSN = SSN;

END;

ELSE

SELECT 'Nothing here for you.Update Unsuccessful' AS 'Error Message';

END IF;

CLOSE checking;

END