ASSIGNMENT NO:6

DBMS Practical Assignment 6

CREATE TABLE student (

rollno NUMBER PRIMARY KEY,

name VARCHAR2(50),

percentage NUMBER(5,2)

);

INSERT INTO student VALUES (101, 'Isha', 85.50);

INSERT INTO student VALUES (102, 'Amit', 72.00);

INSERT INTO student VALUES (103, 'Riya', 63.75);

INSERT INTO student VALUES (104, 'Karan', 54.20);

INSERT INTO student VALUES (105, 'Neha', 47.80);

INSERT INTO student VALUES (106, 'Anuj', 32.00);

COMMIT;

DECLARE

v\_rollno student.rollno%TYPE := 101; -- Change roll number here

v\_name student.name%TYPE;

v\_percentage student.percentage%TYPE;

v\_grade VARCHAR2(10);

BEGIN

SELECT name, percentage INTO v\_name, v\_percentage

FROM student

WHERE rollno = v\_rollno;

IF v\_percentage >= 80 THEN

v\_grade := 'A+';

ELSIF v\_percentage >= 70 THEN

v\_grade := 'A';

ELSIF v\_percentage >= 60 THEN

v\_grade := 'B+';

ELSIF v\_percentage >= 50 THEN

v\_grade := 'B';

ELSIF v\_percentage >= 40 THEN

v\_grade := 'C';

ELSE

v\_grade := 'Fail';

END IF;

DBMS\_OUTPUT.PUT\_LINE('Roll No : ' || v\_rollno);

DBMS\_OUTPUT.PUT\_LINE('Name : ' || v\_name);

DBMS\_OUTPUT.PUT\_LINE('Percentage: ' || v\_percentage);

DBMS\_OUTPUT.PUT\_LINE('Grade : ' || v\_grade);

EXCEPTION

WHEN NO\_DATA\_FOUND THEN

DBMS\_OUTPUT.PUT\_LINE('No student found with roll number ' || v\_rollno);

WHEN OTHERS THEN

DBMS\_OUTPUT.PUT\_LINE('Error: ' || SQLERRM);

END;

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