**Here's the PL/SQL stored procedure to categorize students based on their marks:**

CREATE OR REPLACE PROCEDURE proc\_Grade(p\_roll IN NUMBER, p\_name IN VARCHAR2, p\_marks IN NUMBER, p\_class OUT VARCHAR2)

IS

BEGIN

IF p\_marks <= 1500 AND p\_marks >= 990 THEN

p\_class := 'Distinction';

ELSIF p\_marks BETWEEN 900 AND 989 THEN

p\_class := 'First Class';

ELSIF p\_marks BETWEEN 825 AND 899 THEN

p\_class := 'Higher Second Class';

ELSE

p\_class := 'Fail';

END IF;

END;

/

**Here's the PL/SQL block to use the proc\_Grade procedure:**

SQL

DECLARE

v\_roll NUMBER := 123;

v\_name VARCHAR2(50) := 'John Doe';

v\_marks NUMBER := 950;

v\_class VARCHAR2(20);

BEGIN

proc\_Grade(v\_roll, v\_name, v\_marks, v\_class);

DBMS\_OUTPUT.PUT\_LINE('Roll: ' || v\_roll || ', Name: ' || v\_name || ', Class: ' || v\_class);

END;

/

How to run:

1. Source **Ass5a.sql**
2. **Source Ass5b.sql**
3. **Call** proc\_Class(1)
4. Select \* from Result