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IFSC 3330

PL/SQL Assignment 1

1. DECLARE

today\_date DATE;

BEGIN

today\_date := SYSDATE;

DBMS\_OUTPUT.PUT\_LINE('Today''s date is ');

DBMS\_OUTPUT.PUT\_LINE(today\_date);

END;

Today's date is

01-MAY-25

2. DECLARE

na INTEGER := 0;

BEGIN

SELECT COUNT(\*)

INTO na

FROM gradeReport

WHERE grade = 'A';

IF (na > 0) THEN

DBMS\_OUTPUT.PUT\_LINE('there are total ' || na || ' A''s');

ELSE

DBMS\_OUTPUT.PUT\_LINE('No student makes an A');

END IF;

END;

3. DECLARE

na INTEGER := 0;

nb INTEGER := 0;

nc INTEGER := 0;

nd INTEGER := 0;

nf INTEGER := 0;

BEGIN

SELECT COUNT(\*) INTO na FROM gradeReport WHERE grade = 'A';

SELECT COUNT(\*) INTO nb FROM gradeReport WHERE grade = 'B';

SELECT COUNT(\*) INTO nc FROM gradeReport WHERE grade = 'C';

SELECT COUNT(\*) INTO nd FROM gradeReport WHERE grade = 'D';

SELECT COUNT(\*) INTO nf FROM gradeReport WHERE grade = 'F';

DBMS\_OUTPUT.PUT\_LINE('Grade statistics:');

DBMS\_OUTPUT.PUT\_LINE('A: ' || na);

DBMS\_OUTPUT.PUT\_LINE('B: ' || nb);

DBMS\_OUTPUT.PUT\_LINE('C: ' || nc);

DBMS\_OUTPUT.PUT\_LINE('D: ' || nd);

DBMS\_OUTPUT.PUT\_LINE('F: ' || nf);

END;