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| **ASSIGNMENT NAME:**  Named PL/SQL Block: PL/SQL Stored Procedure and Stored Function. Write a Stored Procedure namely proc\_Grade for the categorization of student. If marks scoredby students in examination is <=1500 and marks>=990 then student will be placed in distinction category if marks scored are between 989 and 900 category is first class, if marks 899 and 825 category is Higher Second Class. Write a PL/SQL block to use procedure created with above requirement. Stud\_Marks(name, total\_marks) Result(Roll,Name, Class |

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| **Student Name : Bisu Prem Kashinath** |
| **Roll\_No : 13116** |
| **Class :TE-A** |

SET SERVEROUT ON

SQL> SET VERIFY OFF

SQL> --CREATE TABLE stud\_marks(name VARCHAR2(25),total\_marks NUMBER);

SQL> --CREATE TABLE result(roll\_number NUMBER , name VARCHAR2(25), class VARCHAR2(30));

SQL> -- CREATE TABLE ONLY ONCE

SQL>

SQL> CREATE OR REPLACE FUNCTION func\_1(r IN NUMBER, n IN VARCHAR2,m IN NUMBER) RETURN VARCHAR2 AS

2 BEGIN

3 procedure\_1(r,n,m);

4 return 'SUCCESSFULL';

5 END;

6 /

Function created.

SQL> CREATE OR REPLACE PROCEDURE procedure\_1 ( roll\_no IN NUMBER, name IN VARCHAR2 ,marks IN NUMBER) AS

2 BEGIN

3 IF (marks<=1500 and marks>=990) THEN

4 DBMS\_OUTPUT.PUT\_LINE ('DISTINCTION');

5 INSERT INTO result VALUES (roll\_no,name,'DISTINCTION');

6 ELSIF (marks<=989 and marks>=900) THEN

7 DBMS\_OUTPUT.PUT\_LINE ('FIRST CLASS');

8 INSERT INTO result VALUES (roll\_no,name,'FIRST CLASS');

9 ELSIF (marks<=899 and marKs>825) THEN

10 DBMS\_OUTPUT.PUT\_LINE('HIGHER SECOND CLASS');

11 INSERT INTO result VALUES (roll\_no,name,'HIGHER SECOND CLASS');

12 ELSE

13 DBMS\_OUTPUT.PUT\_LINE ('FAIL');

14 INSERT INTO result VALUES (roll\_no,name,'FAIL');

15

16 END IF;

17 INSERT INTO stud\_marks VALUES (name,marks);

18 END procedure\_1;

19 /

Procedure created.

SQL>

SQL>

SQL>

SQL>

SQL>

SQL> DECLARE

2 name\_1 VARCHAR2(25);

3 roll\_no\_1 NUMBER;

4 marks\_1 NUMBER;

5 class VARCHAR2(25);

6

7 BEGIN

8 roll\_no\_1:=&roll\_no\_1;

9 name\_1:='&name\_1';

10 marks\_1:=&marks\_1;

11 class := func\_1(roll\_no\_1,name\_1,marks\_1);

12 dbms\_output.put\_line(class);

13 END;

14 /

Enter value for roll\_no\_1: 12

Enter value for name\_1: RAJ

Enter value for marks\_1: 900

FIRST CLASS

SUCCESSFULL

PL/SQL procedure successfully completed.

SQL>