```
Name: Tejas Rajesh Machkar
Roll No: 23
Class: TE2 Comp
PRN: F18112025
CREATE OR REPLACE PROCEDURE proc Grade (roll NUMBER, name VARCHAR, totmarks
NUMBER) IS
BEGIN
    IF(totmarks \geq 990 and totmarks \leq 1500) THEN
        INSERT INTO Result1 VALUES(roll, name, 'DISTINCTION');
        INSERT INTO Stud marks VALUES(name, totmarks);
    ELSIF(totmarks >= 900 and totmarks <= 989) THEN
        INSERT INTO Result1 VALUES(roll, name, 'FIRST CLASS');
        INSERT INTO Stud marks VALUES(name, totmarks);
    ELSIF(totmarks \geq 825 and totmarks \leq 899) THEN
        INSERT INTO Result1 VALUES(roll, name, 'HIGHER SECOND CLASS');
        INSERT INTO Stud_marks VALUES(name, totmarks);
    END IF;
END proc Grade;
DECLARE
 Name1 Stud marks.Name%type;
  roll1 Result1.RollNo%type;
 totmarks1 Stud marks.TotalMarks%type;
BEGIN
  roll1:=&roll1;
 Name1:=&Name1;
 totmarks1:=&totmarks1;
 proc Grade(roll1, Name1, totmarks1);
 END LOOP;
END;
```

Name: Tejas. Rajesh. Machkar RollNo: 23 DRN: F18112025 Batch: P Class: TE-2 COMP DBMSL-Assignment-7 Group A · Questions: (91) What's a stored procedure? A.V A procedure is a subprogram unit that comprises a group of PL/SQL statements Each procedure has its own unique name by which it can be referred. · It's stored as database object. · Call to these procedures might be made by referring to their name to execute PL/SQL stakments. . The values can be passed into the procedure or fetched from it by using parameters. · Syntax: CREATE OR REPLACE PROCEDURE prochame (< parameters>) [18 AS] { declaration part> BEGIN ENP: 92) Explain the use of Y, ROWTYPE and Y, TYPE in SQL. A2)1): / ROWTYPE; This attribute is used to provide a record type that represent a row in a table (or view). (olumns in a row and corresponding fields in record have same names and datatypes. However fields in 1/ ROWTYPE record don't inherit the NOT NULL polymn constraint. 2) 1/2 TYPE: This attribute provides the datatype of a vaveiable or database column. It's paveticularry useful. When declaring variables that refer to database columns Variables 1. TYPE, don't inherit NOT NULL constraints 03) Explain IN, OUT and IN-OUT mode in stored procedure. A-3) 1) In parameter: Itis used for giving input to the subprograms. Itis a read only rawiable inside the subprograms. In the calling statement, these

a composition of the control of the
parameters can be a variable or a literal value or an expression.
· By default, paviameters are of IN Type,
2) OUT parameter: This used for four getting output from a subprogram. It's
a read-write Macriable. In calling statement, these parameters should always be
a varniable.
3) INOUT parameter: Used for giving input to and getting output from a subpro-
gram. Its a read-write Mauriable in a sub-program. In the culting statement
these pavameters should always be a vactiable to hold value from the
subprogram.
04) What is a stored function?
A·u) A function is a standalone PL/SQL subprogram. Functions have a unique
mame by which the function can be referred to. These are stored as PL/sgl
database object.
. It uses a RETURN keyword to return any value. A function must always
returen value or raise an exception.
- Function can also return the value through OVT parameters other than
USING RETURN.
· Syntax:
CREATE OR REPLACE FUNCTION (func-name) ((parameters))
RETURN (datatype> [15] (declaration>
BEGIN
FND;
gs) Whatis the difference between stored function and stored procedures?
AS) PROCEDURE FUNCTION
i) Use mainly to execute certain process. 1) Used mainly to perform some
calculations.
2) Campot be Called in SELECT 2) A function that contains no
The second secon
stalement.

3) OUT parameter is used to return a value	3) RETURN is used to return a value.
	4) Must compulsabily return a value.
from the subprogram.	Return will exit control and also
	return a value.