# Assignment No. 6

**Assignment Title**:Named PL/SQL Block: PL/SQL Stored Procedure and Stored Function.

**PL/SQL Code:**

```
create table Stud_Marks(STUD_NAME varchar2(20), TOTAL_MARKS number(5));

insert into Stud_Marks values('Shraddha', 1400);
insert into Stud_Marks values('Saish',900);
insert into Stud_Marks values('Yash', 1000);
insert into Stud_Marks values('Shreya',825);

select * from Stud_Marks;

-- Result table
create table Result(STUD_NAME varchar2(20), ROLL_NO number(5), CLASS
varchar2(20));

--Creating a stored procedure
create or replace PROCEDURE PROC_GRADE1 AS

BEGIN
    FOR i IN (SELECT * FROM Stud_Marks)
    LOOP
        DBMS_OUTPUT.PUT_LINE('Student Name: ' || i.Stud_Name || ' Student Marks: ' ||
i.Total_Marks);
        IF i.Total_Marks <=1500 AND i.Total_Marks >=990 THEN
              INSERT INTO Result (STUD_NAME,CLASS) VALUES
(i.Stud_Name,'Distinction');
        ELSIF i.Total_Marks <=989 AND i.Total_Marks >=900 THEN
              INSERT INTO Result (STUD_NAME,CLASS) VALUES (i.Stud_Name,'First
Class');
        ELSIF i.Total_Marks <=825 AND i.Total_Marks >=899 THEN
              INSERT INTO Result (STUD_NAME,CLASS) VALUES (i.Stud_Name,'Higher
Second Class');
        END IF;
    END LOOP;
    COMMIT;
END;
/

BEGIN
        PROC_GRADE1;
END;
```

select * from Result;

**Output:**

Roll Number: 1 Student Name: Shraddha Student Marks: 1400
Roll Number: 2 Student Name: Saish Student Marks: 900
Roll Number: 3 Student Name: Yash Student Marks: 1000
Roll Number: 4 Student Name: Shreya Student Marks: 825

Results   Explain   Describe   Saved SQL   History

| STUD_NAME | ROLL_NUMBER | CLASS |
|-----------|-------------|-------------|
| Shraddha | 1 | Distinction |
| Saish | 2 | First Class |
| Yash | 3 | Distinction |

3 rows returned in 0.00 seconds          CSV Export