#### **EXPERIMENT 11**

### **PROCEDURES**

### Aim:

- Create a table with attributes students and marks.
- Insert values into the table.
- Create a procedure to get the merit students (marks > 50).
- Create a procedure to get marks of a given id (using in).
- Create a procedure to display highest marks (using out).
- Create a procedure to get marks of a given id (using in and out).

### CODE:

```
create table proc(id integer, marks int);
      insert into proc (id,marks) values(10,500),(20,300),(30,400),(40,800),(50,900);
       select *from proc;
 3 •
       delimiter //
4
       create procedure Get_Merit_Student()
 5 •
   ⊖ begin
           select *from proc where marks>50;
7
           select count(id) as Total_Student from proc;
8
9
     end //
       delimiter;
10
       call Get_Merit_Student();
11 •
12
       delimiter //
13
14 • create procedure Get_Marks(in x integer)
15

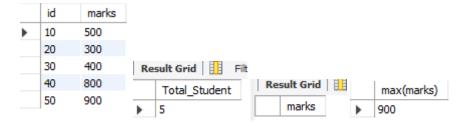
    ⊕ begin

           select marks from proc where id=x;
16
    select marks from proc where id=x;
end //
delimiter;
call Get_Marks(3);
delimiter //
create procedure Get_Max(out max_marks integer)
begin
    select max(marks) from proc;
end //
delimiter;
call Get_Max(@m);
delimiter //
create procedure Max_Marks(inout marks integer)
begin
```

```
begin

select marks from proc where id=marks;
end //
delimiter;
set @m=3;
call Max_Marks(@m);
```

## **OUTPUT:**



# Components:

• A procedures or function is a group or set of SQL and PL/SQL statements that perform a specific task.