EXPERIMENT 11

PROCEDURES

Aim:

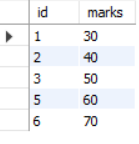
* Create a table with attributes students and marks.
* Insert values into the table.
* Create a procedure to get the merit students (marks > 50).
* Create a procedure to get marks of a given id (using in).
* Create a procedure to display highest marks (using out).
* Create a procedure to get marks of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

**Procedure:**

**Code:**

* **create table proc (id int, marks int);**
* **insert into proc (id, marks) values(1, 30), (2, 40), (3, 50), (5, 60), (6, 70);**
* **select \* from proc;**

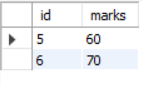
**Output:**



**Code:**

* **DELIMITER //**
* **create procedure get\_merit\_list()**
* **begin**
* **select \* from proc where marks > 50;**
* **end //**
* **DELIMITER ;**
* **CALL get\_merit\_list();**

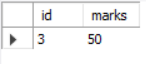
**Output:**



**Code:**

* **DELIMITER //**
* **create procedure get\_mark\_of\_id(IN id\_s int)**
* **begin**
* **select \* from proc where id = id\_s;**
* **end //**
* **DELIMITER ;**
* **CALL get\_mark\_of\_id(3);**

**Output:**



**Code:**

* **DELIMITER //**
* **create procedure get\_max\_mark(OUT max\_mark int)**
* **begin**
* **select max(marks) into max\_mark from proc;**
* **end //**
* **DELIMITER ;**
* **CALL get\_max\_mark(@m);**
* **select @m;**

**Output:**



**Code:**

* **DELIMITER //**
* **create procedure get\_mark2(INOUT max\_mark int)**
* **begin**
* **select marks into max\_mark from proc where id = max\_mark;**
* **end //**
* **DELIMITER ;**
* **set @m = 3;**
* **CALL get\_max\_mark(@m);**
* **select @m;**

**Output:**

