EXPERIMENT 12

CURSORS

Aim:

- Create a table with attributes students and marks.
- Insert values into the table.
- Create a procedure, and fetch the marks of given id using a cursor.
- Create a procedure, and fetch the highest marks using a cursor.

CODE:

```
1    create table cur(id int, marks int);
2    insert into cur (id, marks) values (10,300),(20,400),(30,500),(40,600),(50,700);
3    delimiter \\
4    create procedure cur_mark2(id1 int)
5    begin
6    declare m1 int;
7    declare cur1 cursor for select marks from cur where id=id1;
8    open cur1;
9    fetch cur1 into m1;
.0   select m1;
.1   close cur1;
.2   end \\
.3   delimiter ;
.4   call cur_mark2(2);
.5
.6
.7   delimiter \\
.8   create procedure cur_mark3()

19   begin
20   declare max int;
21   declare cur2 cursor for select mar(marks) from cur;
22   open cur2;
23   fetch cur2 into max;
24   select max;
25   close cur2;
26   end \\
27   delimiter ;
28   call cur_mark3();
```

OUTPUT:

m1
80

Components:

• A cursor is activated and thus created in response to any

SQL statement.