Name : ONASVEE BANARSE

Roll no :09

TE COMP 1

Create table student:- (roll no primary key ,name ,marks)

Create procedure

to display all records, present in the table

to display marks of the particular student

to handle exception if record not present

write function :

// /command line ///

mysql> use test1

Database changed

mysql> show tables;

Empty set (0.01 sec)

mysql> create table student(rollno int, Name varchar(20),Marks int, primary key (rollno));

Query OK, 0 rows affected (0.04 sec)

mysql> insert into student values(1,"orion1",45); insert into student values(2,"akash1",41);insert into student values(3,"kaustubh1",46);insert into student values(4,"harsh1",50);insert into student values(5,"orion2",35);insert into student values(6,"akash2",43);insert into student values(7,"kaustubh2",50);insert into student values(8,"harsh2",43);insert into student values(9,"tony",34);insert into student values(11,"stark",44);

Query OK, 1 row affected (0.02 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.01 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.01 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.01 sec)

mysql> select \* from student;

+--------+-----------+-------+

| rollno | Name | Marks |

+--------+-----------+-------+

| 1 | orion1 | 45 |

| 2 | akash1 | 41 |

| 3 | kaustubh1 | 46 |

| 4 | harsh1 | 50 |

| 5 | orion2 | 35 |

| 6 | akash2 | 43 |

| 7 | kaustubh2 | 50 |

| 8 | harsh2 | 43 |

| 9 | tony | 34 |

| 11 | stark | 44 |

+--------+-----------+-------+

10 rows in set (0.00 sec)

**////Procedure1////**

mysql> delimiter //

mysql> CREATE PROCEDURE display\_all()

-> BEGIN

-> SELECT \* FROM student ;

-> END//

Query OK, 0 rows affected (0.01 sec)

mysql> call display\_all();//

+--------+-----------+-------+

| rollno | Name | Marks |

+--------+-----------+-------+

| 1 | orion1 | 45 |

| 2 | akash1 | 41 |

| 3 | kaustubh1 | 46 |

| 4 | harsh1 | 50 |

| 5 | orion2 | 35 |

| 6 | akash2 | 43 |

| 7 | kaustubh2 | 50 |

| 8 | harsh2 | 43 |

| 9 | tony | 34 |

| 11 | stark | 44 |

+--------+-----------+-------+

10 rows in set (0.01 sec)

Query OK, 0 rows affected (0.05 sec)

**////Procedure2////**

mysql> create procedure stud\_mark(IN stud\_id int)

-> begin

-> select \* from student where rollno=stud\_id;

-> end//

Query OK, 0 rows affected (0.02 sec)

mysql> call stud\_mark(4);//

+--------+--------+-------+

| rollno | Name | Marks |

+--------+--------+-------+

| 4 | harsh1 | 50 |

+--------+--------+-------+

1 row in set (0.01 sec)

Query OK, 0 rows affected (0.02 sec)

mysql> call stud\_mark(11);//

+--------+-------+-------+

| rollno | Name | Marks |

+--------+-------+-------+

| 11 | stark | 44 |

+--------+-------+-------+

1 row in set (0.00 sec)

Query OK, 0 rows affected (0.01 sec)

**////Procedure3////**

mysql> create procedure stud\_mark\_2(IN stud\_id int) begin DECLARE EXIT HANDLER FOR NOT FOUND select "record not found"; begin select \* from student where rollno=stud\_id; end; end//

Query OK, 0 rows affected (0.02 sec)

mysql> call stud\_mark\_2(4);

-> //

+--------+--------+-------+

| rollno | Name | Marks |

+--------+--------+-------+

| 4 | harsh1 | 50 |

+--------+--------+-------+

1 row in set (0.01 sec)

Query OK, 0 rows affected (0.02 sec)

mysql> call stud\_mark\_2(10);//

Empty set (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

mysql> select \* from student;

-> //

+--------+-----------+-------+

| rollno | Name | Marks |

+--------+-----------+-------+

| 1 | orion1 | 45 |

| 2 | akash1 | 41 |

| 3 | kaustubh1 | 46 |

| 4 | harsh1 | 50 |

| 5 | orion2 | 35 |

| 6 | akash2 | 43 |

| 7 | kaustubh2 | 50 |

| 8 | harsh2 | 43 |

| 9 | tony | 34 |

| 11 | stark | 44 |

+--------+-----------+-------+

10 rows in set (0.00 sec)

**///Function1///**

mysql> CREATE FUNCTION find\_mark(idstud int(10)) RETURNS INT DETERMINISTIC BEGIN DECLARE i1 INT; SELECT Marks INTO i1 FROM student WHERE rollno=idstud; RETURN i1; END//

Query OK, 0 rows affected, 1 warning (0.01 sec)

mysql> select find\_mark(5);//

+--------------+

| find\_mark(5) |

+--------------+

| 35 |

+--------------+

1 row in set (0.00 sec)

mysql> select find\_mark(11);//

+---------------+

| find\_mark(11) |

+---------------+

| 44 |

+---------------+

1 row in set (0.00 sec)

mysql> select \* from student;//

+--------+-----------+-------+

| rollno | Name | Marks |

+--------+-----------+-------+

| 1 | orion1 | 45 |

| 2 | akash1 | 41 |

| 3 | kaustubh1 | 46 |

| 4 | harsh1 | 50 |

| 5 | orion2 | 35 |

| 6 | akash2 | 43 |

| 7 | kaustubh2 | 50 |

| 8 | harsh2 | 43 |

| 9 | tony | 34 |

| 11 | stark | 44 |

+--------+-----------+-------+

10 rows in set (0.00 sec)

**///Function2///**

mysql> CREATE FUNCTION find\_name(idstud int(10)) RETURNS varchar(20) DETERMINISTIC BEGIN DECLARE name1 varchar(20); SELECT Name INTO name1 FROM student WHERE rollno=idstud; RETURN name1; END//

Query OK, 0 rows affected, 1 warning (0.02 sec)

mysql> select find\_name(6);

-> //

+--------------+

| find\_name(6) |

+--------------+

| akash2 |

+--------------+

1 row in set (0.01 sec)

mysql> select find\_name(8);//

+--------------+

| find\_name(8) |

+--------------+

| harsh2 |

+--------------+

1 row in set (0.00 sec)

mysql>exit