Enter password: \*\*\*

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 4

Server version: 5.0.45-community-nt MySQL Community Edition (GPL)

Type 'help;' or '\h' for help. Type '\c' to clear the buffer.

mysql> show databases;

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

| Database |

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

| information\_schema |

| ass4 |

| library |

| login1 |

| mysql |

| practical |

| student |

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

7 rows in set (0.05 sec)

mysql> use student;

Database changed

mysql> show tables;

Empty set (0.00 sec)

mysql> create table stud\_marks(roll\_no int primary key, name char(10), total\_marks int);

Query OK, 0 rows affected (0.05 sec)

mysql> insert into stud\_marks values(1,'Sanika', 933);

Query OK, 1 row affected (0.02 sec)

mysql> insert into stud\_marks values(2,'Srushti’ 356);

Query OK, 1 row affected (0.02 sec)

mysql> insert into stud\_marks values(3,'Sakshi', 450);

Query OK, 1 row affected (0.03 sec)

mysql> insert into stud\_marks values(4,'Shravani', 675);

Query OK, 1 row affected (0.03 sec)

mysql> insert into stud\_marks values(5,'Snehal', 1300);

Query OK, 1 row affected (0.01 sec)

mysql> insert into stud\_marks values(6,'Harshu’ 250);

Query OK, 1 row affected (0.03 sec)

mysql> select \* from stud\_marks;

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

| roll\_no | name | total\_marks |

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

| 1 | Sanika | 933 |

| 2 | Srushti | 356 |

| 3 | Sakshi | 450 |

| 4 | Shravani | 675 |

| 5 | Snehal | 1300 |

| 6 | Harshu | 250 |

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

6 rows in set (0.00 sec)

mysql> create table result (roll\_no int, name char(30), class char(20), foreign key(roll\_no) references stud\_marks(roll\_no));

Query OK, 0 rows affected (0.09 sec)

mysql> delimiter //

mysql> create procedure proc\_grade12(in marks int, out class char(10))

-> begin

-> if marks<=1500 and marks>=990 then set class='DIST';

-> end if;

-> if marks<=989 and marks>=900 then set class='FC';

-> end if;

-> if marks<=899 and marks>=825 then set class='HSC';

-> end if;

-> if marks<=824 and marks>=750 then set class='SC';

-> end if;

-> if marks<=749 and marks>=650 then set class='PC';

-> end if;

-> if marks < 650 then set class='fail';

-> end if;

-> end;

-> //

Query OK, 0 rows affected (0.00 sec)

mysql> create function find\_result(roll\_in int) returns int deterministic

-> begin

-> declare fmarks int;

-> declare grade char(10);

-> declare stud\_name char(10);

-> select stud\_marks.total\_marks,stud\_marks.name into fmarks, stud\_name from

-> stud\_marks where stud\_marks.roll\_no=roll\_in;

-> call proc\_grade12(fmarks,@grade);

-> insert into result values(roll\_in,stud\_name, @grade);

-> return roll\_in;

-> end;

-> //

Query OK, 0 rows affected (0.00 sec)

mysql> select find\_result(3)//

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

| find\_result(3) |

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

| 3 |

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

1 row in set (0.11 sec)

mysql> select find\_result(1)//

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

| find\_result(1) |

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

| 1 |

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

1 row in set (0.00 sec)

mysql> select find\_result(2)//

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

| find\_result(2) |

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

| 2 |

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

1 row in set (0.00 sec)

mysql> select find\_result(4)//

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

| find\_result(4) |

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

| 4 |

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

1 row in set (0.00 sec)

mysql> select find\_result(5)//

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

| find\_result(5) |

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

| 5 |

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

1 row in set (0.00 sec)

mysql> select \* from result//

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

| roll\_no | name | class |

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

| 3 | Sakshi | fail |

| 1 | Sanika | FC |

| 2 | Srushti | fail |

| 4 | Shravani| PC |

| 5 | Snehal | DIST |

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

5 rows in set (0.00 sec)

mysql>