**Assignment No. 5**

mysql> use onkar;

Database changed

mysql> CREATE TABLE Mark(roll\_no int, name varchar(20),total\_Mark varchar(20));

Query OK, 0 rows affected (0.02 sec)

mysql> CREATE TABLE result(roll\_no int,name varchar(20),class varchar(20));

Query OK, 0 rows affected (0.01 sec)

mysql> INSERT INTO Mark VALUES(1,'Aditya','1400');

Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO Mark VALUES(22,'Dhiraj','880');

Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO Mark VALUES(59,'Suraj','500');

Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO Mark VALUES(61,'Onkar','980');

Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO Mark VALUES(72,'Ashok','740');

Query OK, 1 row affected (0.01 sec)

mysql> create procedure proc\_reslt(IN Mark int, out class char(20))

-> begin

-> if(Mark<1500 && Mark>990) then

-> set class='Distinction';

-> end if;

-> if(Mark<989 && Mark>890) then

-> set class='First Class';

-> end if;

-> if(Mark<889 && Mark>825) then

-> set class='Higher Second Class';

-> end if;

-> if(Mark<824 && Mark>750) then

-> set class='Second Class';

-> end if;

-> if(Mark<749 && Mark>650) then

-> set class='Passed Class';

-> end if;

-> if(Mark<649) then

-> set class='Fail';

-> end if;

-> end;

-> //

Query OK, 0 rows affected, 5 warnings (0.01 sec)

mysql> SET GLOBAL log\_bin\_trust\_function\_creators = 1;

-> //

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

mysql> create function final\_reslt(R1 int)

-> returns int

-> begin

-> declare fMark integer;

-> declare grade varchar(20);

-> declare stud\_name varchar(20);

-> select Mark.total\_Mark,Mark.name into fMark,stud\_name from Mark where Mark.roll\_no=R1;

-> call proc\_reslt(fMark,grade);

-> insert into result values(R1,stud\_name,grade);

-> return R1;

-> end;

-> //

Query OK, 0 rows affected (0.01 sec)

mysql> select fresult(2);

-> //

ERROR 1305 (42000): FUNCTION pratik.fresult does not exist

mysql> select final\_reslt(2);

-> //

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

| final\_reslt(2) |

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

| 2 |

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

1 row in set (0.01 sec)

mysql> select final\_reslt(3);

-> //

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

| final\_reslt(3) |

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

| 3 |

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

1 row in set (0.01 sec)

mysql> select final\_reslt(4);//

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

| final\_reslt(4) |

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

| 4 |

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

1 row in set (0.00 sec)

mysql> select final\_reslt(5);//

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

| final\_reslt(5) |

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

| 5 |

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

1 row in set (0.00 sec)

mysql> select final\_reslt(1);//

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

| final\_reslt(1) |

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

| 1 |

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

1 row in set (0.01 sec)

mysql> select \* from result;

-> //

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

| roll\_no | name | class |

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

| 1 | Aditya | Distinction |

| 22 | Dhiraj | Fail |

| 59 | Suraj | Passed Class |

| 61 | Onkar | First Class |

| 72 | Ashok | Higher Second Class |

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5 rows in set (0.00 sec)