```
mysql> use student_result;
Database changed
mysql> create table stud_info(Roll_No int,Name varchar(30),Marks int,primary
key(Roll_No));
Query OK, 0 rows affected (0.02 sec)
mysql> create table Result(Roll_No int,Class varchar(30),constraint ad foreign
key(Roll_No) references stud_info(Roll_
Query OK, 0 rows affected (0.02 sec)

mysql> desc stud_info;
+---------+-------------+------+-----+---------+-------+
| Field   | Type        | Null | Key | Default | Extra |
+---------+-------------+------+-----+---------+-------+
| Roll_No | int         | NO   | PRI | NULL    |       |
| Name    | varchar(30) | YES  |     | NULL    |       |
| Marks   | int         | YES  |     | NULL    |       |
+---------+-------------+------+-----+---------+-------+
3 rows in set (0.00 sec)

mysql> desc Result;
+---------+-------------+------+-----+---------+-------+
| Field   | Type        | Null | Key | Default | Extra |
+---------+-------------+------+-----+---------+-------+
| Roll_No | int         | YES  | MUL | NULL    |       |
| Class   | varchar(30) | YES  |     | NULL    |       |
+---------+-------------+------+-----+---------+-------+
2 rows in set (0.00 sec)

mysql> insert into stud_info values(1,"Kalpesh",1025);
Query OK, 1 row affected (0.00 sec)

mysql> insert into stud_info values(2,"Pratik",925);
Query OK, 1 row affected (0.01 sec)

mysql> insert into stud_info values(3,"Om",825);
Query OK, 1 row affected (0.01 sec)

mysql> insert into stud_info values(4,"Tanmay",890);
Query OK, 1 row affected (0.01 sec)

mysql> select*from stud_info;
+---------+---------+-------+
| Roll_No | Name    | Marks |
+---------+---------+-------+
|       1 | Kalpesh |  1025 |
|       2 | Pratik  |   925 |
|       3 | Om      |   825 |
|       4 | Tanmay  |   890 |
+---------+---------+-------+
4 rows in set (0.00 sec)
```

Stored procedure

```
mysql> delimiter //
mysql> create procedure credit (IN roll int)
    -> begin
    -> declare m int;
    -> declare c varchar(30);
    -> select Marks into m from stud_info where Roll_No=roll;
    -> if m>=990 and m<=1500 then
    -> set c="Distinction";
    -> insert into Result values(roll,c);
    -> elseif m>=900 and m<=989 then
    -> set c="First_class";
    -> insert into Result values(roll,c);
    -> elseif m>=825 and m<=899 then
    -> set c="Higher_Secondary_Class";
    -> insert into Result values(roll,c);
    -> end if;
    -> end //
Query OK, 0 rows affected (0.01 sec)

mysql> call credit(1) //
Query OK, 1 row affected (0.00 sec)

mysql> select*from Result;
    -> //
+---------+-------------+
| Roll_No | Class       |
+---------+-------------+
|       1 | Distinction |
+---------+-------------+
1 row in set (0.00 sec)

mysql> call credit(2) //
Query OK, 1 row affected (0.00 sec)

mysql> call credit(3) //
Query OK, 1 row affected (0.01 sec)

mysql> call credit(4) //
Query OK, 1 row affected (0.01 sec)

mysql> select*from Result; //
+---------+-----------------------+
| Roll_No | Class                 |
+---------+-----------------------+
|       1 | Distinction           |
```

```
|       2 | First_class           |
|       3 | Higher_Secondary_Class |
|       4 | Higher_Secondary_Class |
+---------+-----------------------+
4 rows in set (0.00 sec)
```

Function

```
mysql>  create function credit_score(roll int)
    ->      Returns varchar(30)
    ->      begin
    ->      declare m int;
    ->      declare c varchar(30);
    ->      select Marks into m from stud_info where Roll_No=roll;
    ->      if m>=990 and m<=1500 then
    ->      set c="Distinction";
    ->      insert into Result values(roll,c);
    ->      elseif m>=900 and m<=989 then
    ->      set c="First_class";
    ->       insert into Result values(roll,c);
    ->     elseif m>=825 and m<=899 then
    ->      set c="Higher_Secondary_Class";
    ->     insert into Result values(roll,c);
    ->      end if;
    ->     return c;
    ->     end //
mysql> select credit_score(1)//
+-----------------+
| credit_score(1) |
+-----------------+
| Distinction     |
+-----------------+
1 row in set (0.01 sec)

mysql> select credit_score(2)//
+-----------------+
| credit_score(2) |
+-----------------+
| First_class     |
+-----------------+
1 row in set (0.00 sec)

mysql> select credit_score(3)//
+------------------------+
| credit_score(3)        |
+------------------------+
| Higher_Secondary_Class |
+------------------------+
1 row in set (0.01 sec)

mysql> select credit_score(4)//
```

```
+-----------------------+
| credit_score(4)       |
+-----------------------+
| Higher_Secondary_Class |
+-----------------------+
1 row in set (0.00 sec)
```