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MySQL 8.1 Command Line Client
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 9
Server version: 8.1.0 MySQL Community Server - GPL

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases;
+-----+
| Database |
+-----+
| collage  |
| emp      |
| employee |
| hostel   |
| information_schema |
| museum   |
| mysql    |
| performance_schema |
| snehal   |
| student  |
| sys      |
| visitor  |
+-----+
12 rows in set (0.01 sec)

mysql> create database student;
ERROR 1007 (HY000): Can't create database 'student'; database exists
mysql> use student;
Database changed
mysql> create table student_marks(
->   name varchar(20),
->   marks int
-> );
Query OK, 0 rows affected (0.04 sec)

mysql> create table result(
->   name varchar(20),
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MySQL 8.1 Command Line Client
-> );
Query OK, 0 rows affected (0.04 sec)

mysql> create table result(
->   name varchar(20),
->   rollno int,
->   class varchar(20)
-> );
Query OK, 0 rows affected (0.03 sec)

mysql> insert into student_marks(name, marks)
-> values ('Snehal', 1000),
-> ('Prasad', 990),
-> ('Kaustubh', 850),
-> ('Swaraj', 1200),
-> ('Chinmay', 1300);
Query OK, 5 rows affected (0.01 sec)
Records: 5 Duplicates: 0 Warnings: 0

mysql> insert into result(name, class)
-> values ('Snehal', ''),
-> ('Prasad', ''),
-> ('Kaustubh', ''),
-> ('Swaraj', ''),
-> ('Chinmay', '');
Query OK, 5 rows affected (0.01 sec)
Records: 5 Duplicates: 0 Warnings: 0

mysql> delimiter $$
mysql> create procedure proc_grade(in name varchar(20))
-> begin
->
-> declare n varchar(20);
-> declare m int;
-> declare category varchar(20);
->
-> set n = name;
-> select marks into m from student_marks where student_marks.name = n;
->
-> if m >= 990 and m <= 1500 then
->   set category = 'distinction';
-> elseif m >= 880 and m < 990 then
->   set category = 'first_class';
-> elseif m >= 825 and m <= 899 then
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-> set n = name;
-> select marks into m from student_marks where student_marks.name = n;
->
-> if m >= 990 and m <= 1500 then
->   set category = 'distinction';
-> elseif m >= 989 and m < 990 then
->   set category = 'first_class';
-> elseif m >= 825 and m <= 899 then
->   set category = 'high second class';
-> end if;
-> update result set class = category where result.name = n;
->
-> end
-> $$
Query OK, 0 rows affected (0.01 sec)

mysql> delimiter ;
mysql> select *from student_marks;
+-----+-----+
| name | marks |
+-----+-----+
| Snehal | 1000 |
| Prasad | 990 |
| Kaustubh | 850 |
| Swaraj | 1200 |
| Chinmay | 1300 |
+-----+-----+
5 rows in set (0.00 sec)

mysql> select * from result;
+-----+-----+-----+
| name | rollno | class |
+-----+-----+-----+
| Snehal | NULL |  |
| Prasad | NULL |  |
| Kaustubh | NULL |  |
| Swaraj | NULL |  |
| Chinmay | NULL |  |
+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> 
```