

```
mysql> use urvee;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A
```

Database changed

```
mysql> create table stud_marks(name varchar(20), tot_marks int, primary key(name));
Query OK, 0 rows affected (1.73 sec)
```

```
mysql> create table result(name varchar(20), class varchar(20), foreign key(name) references
stud_marks(name));
Query OK, 0 rows affected (1.45 sec)
```

```
mysql> insert into stud_marks values('Aditya', 1011);
Query OK, 1 row affected (0.18 sec)
```

```
mysql> insert into stud_marks values('Ansh', 979);
Query OK, 1 row affected (0.25 sec)
```

```
mysql> insert into stud_marks values('Atharav', 877);
Query OK, 1 row affected (0.10 sec)
```

```
mysql> insert into stud_marks values('Urvee', 720);
Query OK, 1 row affected (0.10 sec)
```

```
mysql> select * from stud_marks;
```

```
+-----+-----+
| name   | tot_marks |
+-----+-----+
| Aditya |    1011 |
| Ansh   |    979 |
| Atharav |    877 |
| Urvee  |    720 |
+-----+-----+
4 rows in set (0.00 sec)
```

```
mysql> delimiter /
mysql> create procedure proc_Grade(name varchar(20))
-> begin
-> declare marks
-> /
```

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near " at line 3

```
mysql> delimiter /
mysql> create procedure Grade(name1 varchar(20))
-> begin
-> declare marks int;
-> select tot_marks into marks from stud_marks where name=name1;
-> if marks>=990 and marks<=1500 then
-> insert into result values(name1, 'Distinction');
-> elseif marks>=900 and marks<=989 then
-> insert into result values(name1, 'First Class');
-> elseif marks>=825 and marks<=899 then
```

```

-> insert into result values(name1, 'HSC');
-> else
-> insert into result values(name1, 'Pass');
-> end if;
-> end ;
-> /

```

```
mysql> delimiter /
```

```
mysql> create procedure Grade(name1 varchar(20)) begin declare marks int; select tot_marks into
marks from stud_marks where name=name1; if marks>=990 and marks<=1500 then insert into
result values(name1, 'Distinction'); elseif marks>=900 and marks<=989 then insert into result
values(name1, 'First Class'); elseif marks>=825 and marks<=899 then insert into result
values(name1, 'HSC'); else insert into result values(name1, 'Pass'); end if; end;/
Query OK, 0 rows affected (0.36 sec)
```

```
mysql> call Grade('Aditya');
-> /
```

Query OK, 1 row affected (0.29 sec)

```
mysql> call Grade('Ansh');
-> /
```

Query OK, 1 row affected (0.16 sec)

```
mysql> call Grade('Atharav');
-> /
```

Query OK, 1 row affected (0.19 sec)

```
mysql> call Grade('Urvee');
-> /
```

Query OK, 1 row affected (0.13 sec)

```
mysql> select * from result;
-> /
```

```

+-----+-----+
| name  | class  |
+-----+-----+
| Aditya | Distinction |
| Ansh   | First Class |
| Atharav | HSC       |
| Urvee  | Pass      |
+-----+-----+
4 rows in set (0.00 sec)

```