

## DBMS Assignment A7

```
mysql> create table stu_marks(name varchar(20),total_marks integer(10));
```

Query OK, 0 rows affected, 1 warning (2.18 sec)

```
mysql> create table result(roll_no int(8),name varchar(20),grade varchar(15));
```

Query OK, 0 rows affected, 1 warning (1.14 sec)

```
mysql> delimiter &&
```

```
mysql> create procedure proc_grade(IN roll_no integer,IN name varchar(20),IN total_marks integer(10))
```

```
-> begin
```

```
-> declare grade varchar(20)
```

```
-> ;
```

```
-> IF total_marks>=990 and total_marks<=1500 THEN
```

```
-> set grade:='Distinction';
```

```
-> ELSEIF total_marks>=900 and total_marks<=989 THEN
```

```
-> set grade:='First Class';
```

```
-> ELSEIF total_marks>=825 and total_marks<=899 THEN
```

```
-> set grade:='Higher Second';
```

```
-> END IF;
```

```
-> insert into stu_marks values(name,total_marks);
```

```
-> insert into result values(roll_no,name,grade);
```

```
-> end;
```

```
-> &&
```

Query OK, 0 rows affected, 1 warning (0.36 sec)

```
mysql> call proc_grade(1,'Dhruvil',1449);
```

Query OK, 1 row affected (0.63 sec)

```
mysql> call proc_grade(2,'Soham',990);
```

Query OK, 1 row affected (0.27 sec)

```
mysql> call proc_grade(3,'Gaurav',1080);
```

Query OK, 1 row affected (0.15 sec)

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

roll_no	name	grade
1	Dhruvil	Distinction
2	Soham	Distinction
3	Gaurav	Distinction

3 rows in set (0.05 sec)

```
mysql> call proc_grade(4,'Aabha',980);
```

Query OK, 1 row affected (0.29 sec)

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

roll_no	name	grade
1	Dhruvil	Distinction
2	Soham	Distinction
3	Gaurav	Distinction
4	Aabha	First Class

4 rows in set (0.03 sec)

```
mysql> select * from stu_marks;
```

+-----+-----+	
name	total_marks
+-----+-----+	
Dhruvil	1449
Soham	990
Gaurav	1080
Aabha	980
+-----+-----+	

4 rows in set (0.06 sec)