Assignment 1

Statement:


Implementation Details:

Delimiter $$
create procedure empgrade(IN e  int)
Begin
Declare Temp Decimal(6,2);
select esal into Temp from emp where eno=e ;
IF Temp <= 1200 Then
update emp set grade='Three'  where eno=e;
elseif ( Temp > 1200 AND  Temp <=6500) Then
update emp set grade='Two'  where eno=e;
elseif ( Temp >6500 ) Then
update emp set grade='One'  where eno=e;
END IF;
End$$
Delimiter ;

Output:

mysql> use sample;
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> desc emp;
+-------+--------------+------+-----+---------+-------+
| Field | Type         | Null | Key | Default | Extra |
+-------+--------------+------+-----+---------+-------+
| eno   | int          | NO   | PRI | NULL    |       |
| ename | varchar(12)  | YES  |     | NULL    |       |
| esal  | decimal(6,2) | YES  |     | NULL    |       |
| edesg | varchar(12)  | YES  |     | NULL    |       |
| dno   | int          | YES  |     | NULL    |       |
| grade | varchar(12)  | YES  |     | NULL    |       |
+-------+--------------+------+-----+---------+-------+
6 rows in set (0.00 sec)

```
mysql> use sample;
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| eno    | int          | NO   | PRI | NULL    |       |
| ename  | varchar(12)  | YES  |     | NULL    |       |
| esal   | decimal(6,2) | YES  |     | NULL    |       |
| edesg  | varchar(12)  | YES  |     | NULL    |       |
| dno    | int          | YES  |     | NULL    |       |
| grade  | varchar(12)  | YES  |     | NULL    |       |
+--------+--------------+------+-----+---------+-------+
6 rows in set (0.00 sec)

mysql>
```

```
+-----+-------+---------+-----------+------+--------+
| eno | ename | esal    | edesg     | dno  | grade  |
+-----+-------+---------+-----------+------+--------+
| 101 | Sai   | 1234.12 | Prof      | 123  | First  |
| 102 | Rahul | 3223.21 | Prof      | 103  | Second |
| 265 | yash  | 1256.23 | proffesor | 125  | second |
| 432 | abhi  | 7654.00 | assoc     | 21   | first  |
| 562 | Sai   | 2343.34 | Asst      | 345  | First  |
| 652 | Sai   | 5454.65 | Assoc     | 342  | First  |
+-----+-------+---------+-----------+------+--------+
6 rows in set (0.02 sec)

mysql> insert intp emp (eno,ename,esal,edesg,dno) values (256,'Rushi',4321.34,'Prof','323');
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 'emp (eno,ename,esal,edesg,dno) values (256,'Rushi',4321.34,'Prof','323')' at line 1
mysql> insert into emp (eno,ename,esal,edesg,dno) values (256,'Rushi',4321.34,'Prof','323');
Query OK, 1 row affected (0.08 sec)

mysql> call empgrade(652);
Query OK, 1 row affected (0.14 sec)

mysql> select * from emp;
+-----+-------+---------+-----------+------+--------+
| eno | ename | esal    | edesg     | dno  | grade  |
+-----+-------+---------+-----------+------+--------+
| 101 | Sai   | 1234.12 | Prof      | 123  | First  |
| 102 | Rahul | 3223.21 | Prof      | 103  | Second |
| 256 | Rushi | 4321.34 | Prof      | 323  | NULL   |
| 265 | yash  | 1256.23 | proffesor | 125  | second |
| 432 | abhi  | 7654.00 | assoc     | 21   | first  |
| 562 | Sai   | 2343.34 | Asst      | 345  | First  |
| 652 | Sai   | 5454.65 | Assoc     | 342  | Two    |
+-----+-------+---------+-----------+------+--------+
7 rows in set (0.00 sec)

mysql>
```