**Assignment No. 5**

**Name :** DARIAN DAJI

**Roll No.:** 3164018

**Class :** TE-A

mysql> DELIMITER $

mysql> CREATE TRIGGER student\_marks BEFORE insert ON student FOR EACH ROW

-> BEGIN

-> SET NEW.TOTAL:= NEW.SUB1 + NEW.SUB2;

-> SET NEW.PERCENT:= NEW.TOTAL/2;

-> IF NEW.PERCENT>=90 THEN SET NEW.GRADE:='EXCELLENT';

-> ELSEIF NEW.PERCENT>=75 AND NEW.PERCENT<90 THEN SET NEW.GRADE:= 'VERY GOOD

';

-> ELSEIF NEW.PERCENT>=60 AND NEW.PERCENT<75 THEN SET NEW.GRADE := 'GOOD';

-> ELSEIF NEW.PERCENT>=40 AND NEW.PERCENT<60 THEN SET NEW.GRADE :='AVERAGE';

-> ELSE SET NEW.GRADE:='NOT PROMOTED';

-> END IF;

-> END $

Query OK, 0 rows affected (0.02 sec)

mysql> insert into student(rno,sname,sub1,sub2) values(1,'Kedar',89,90);

-> $

Query OK, 1 row affected (0.07 sec)

mysql> delimiter ;

mysql> insert into student(rno,sname,sub1,sub2) values(2,'Darian',88,99);

Query OK, 1 row affected (0.07 sec)

mysql> insert into student(rno,sname,sub1,sub2) values(3,'Karan',87,98);

Query OK, 1 row affected (0.05 sec)

mysql> insert into student(rno,sname,sub1,sub2) values(4,'Prathamesh',89,87);

Query OK, 1 row affected (0.08 sec)

mysql> select \* from student;

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| rno | sname | sub1 | sub2 | total | percent | grade |

+------+------------+------+------+-------+---------+-----------+

| 1 | Kedar | 89 | 90 | 179 | 89.5 | VERY GOOD |

| 2 | Darian | 88 | 99 | 187 | 93.5 | EXCELLENT |

| 3 | Karan | 87 | 98 | 185 | 92.5 | EXCELLENT |

| 4 | Prathamesh | 89 | 87 | 176 | 88 | VERY GOOD |

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4 rows in set (0.24 sec)