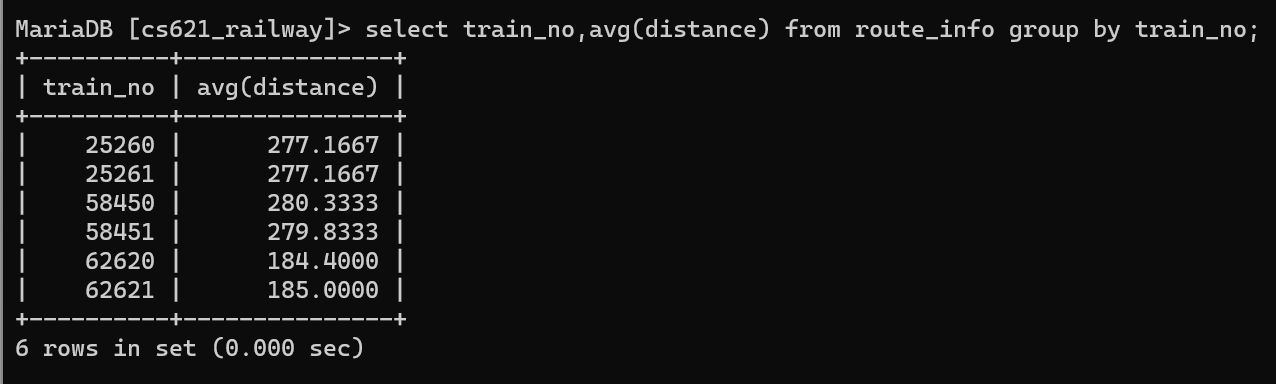
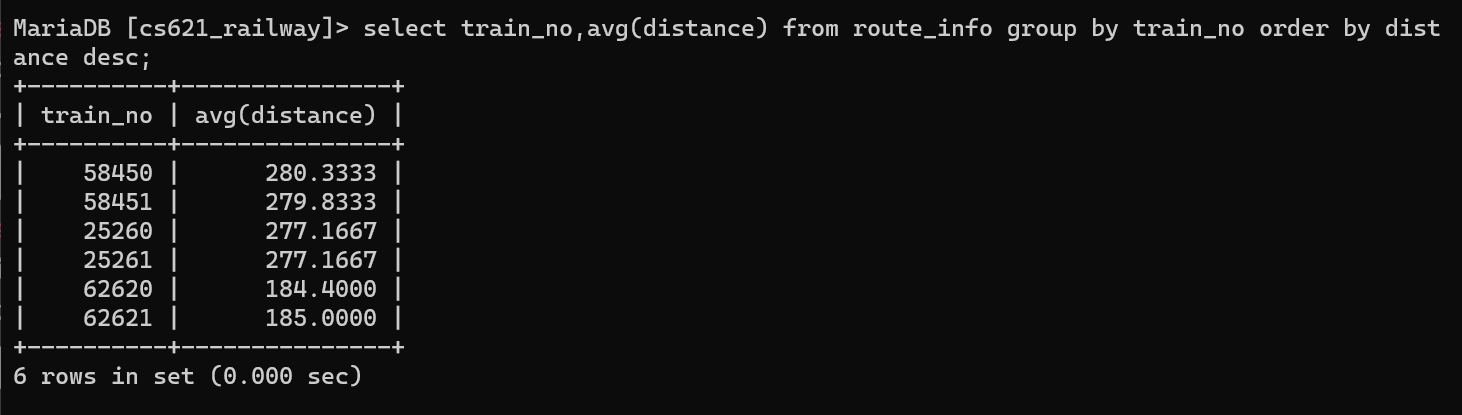
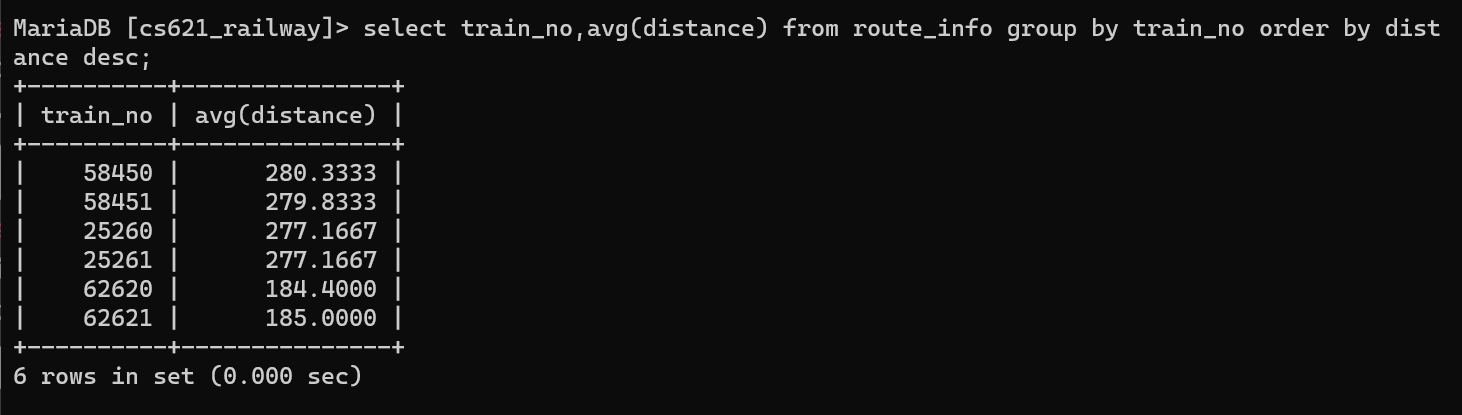
**Name: Adithya M SRN: PES1UG20CS621 Section: K**

**Week 6**

1. **select train\_no,avg(distance) from route\_info group by train\_no;**

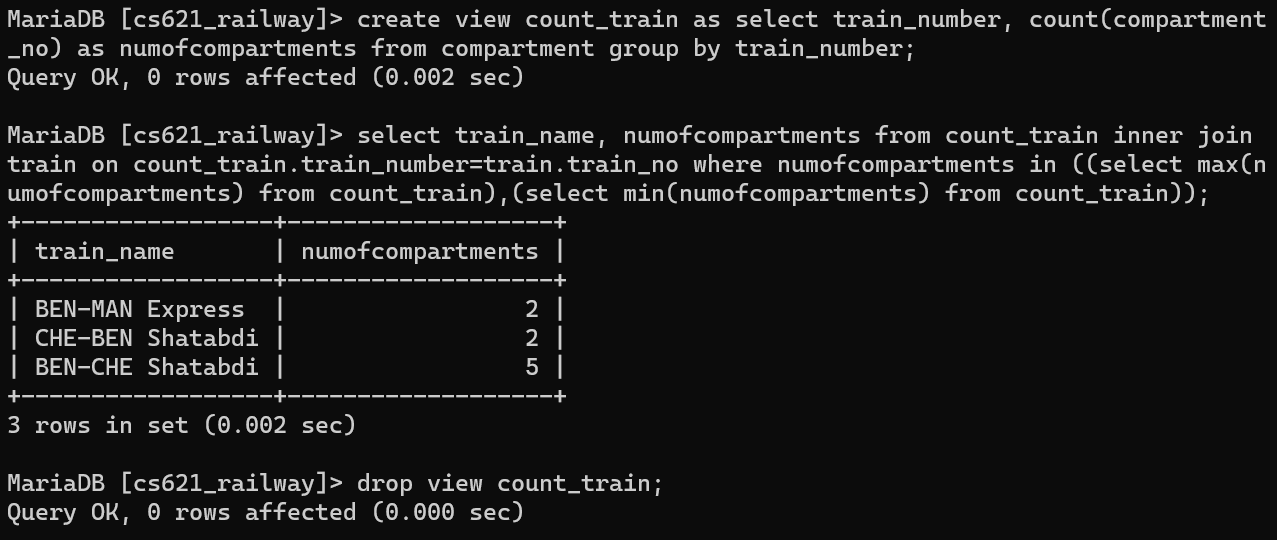
****

1. **select train\_no,avg(distance) from route\_info group by train\_no order by distance desc;**
2. **select train\_no, sum(distance) from route\_info group by train\_no order by distance desc;**
3. **create view count\_train as select train\_number, count(compartment\_no) as numofcompartments from compartment group by train\_number;**

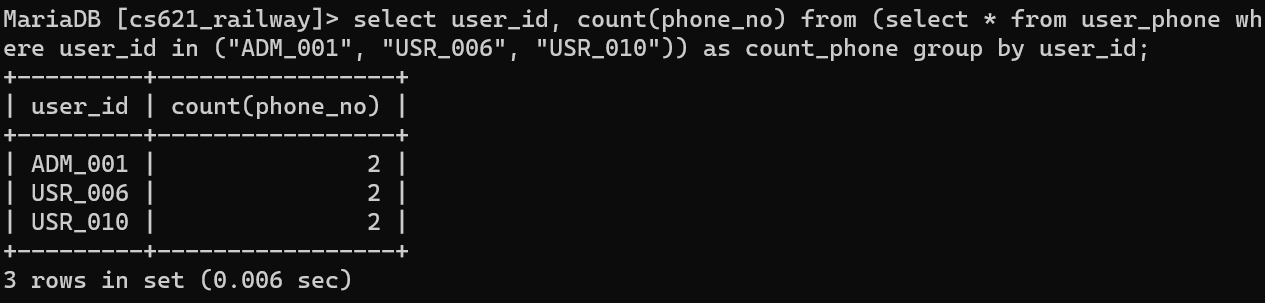
**select train\_name, numofcompartments from count\_train inner join train on count\_train.train\_number=train.train\_no where numofcompartments in ((select max(n**

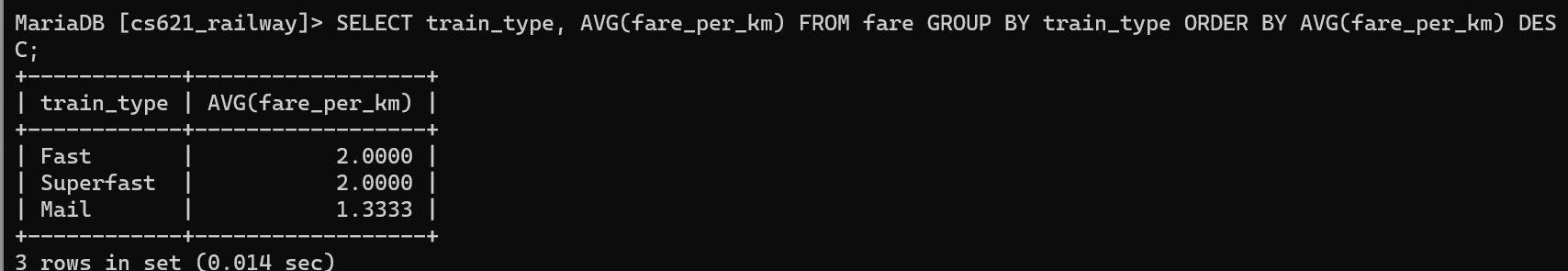
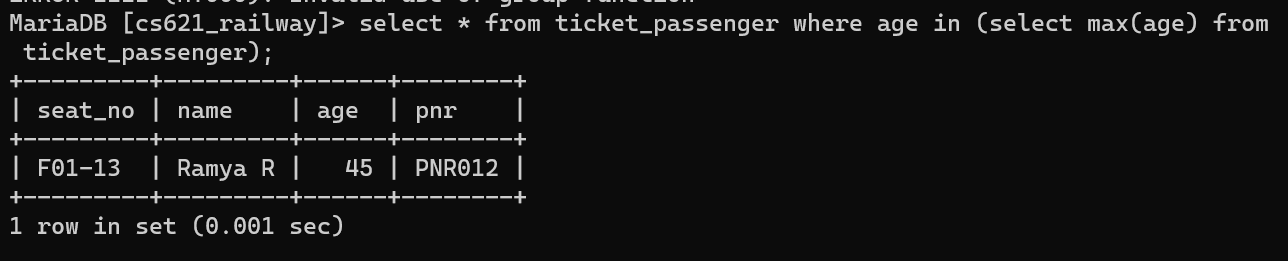
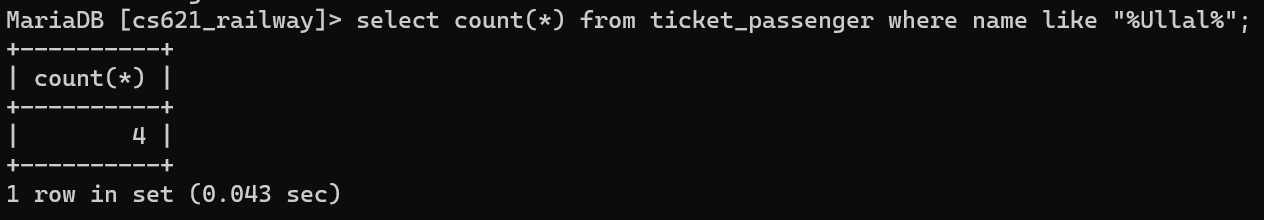
**umofcompartments) from count\_train),(select min(numofcompartments) from count\_train));**

**drop view count\_train;**

****

1. **select user\_id, count(phone\_no) from (select \* from user\_phone where user\_id in ("ADM\_001", "USR\_006", "USR\_010")) as count\_phone group by user\_id;**



1. **SELECT train\_type, AVG(fare\_per\_km) FROM fare GROUP BY train\_type ORDER BY AVG(fare\_per\_km) DESC;**
2. **select \* from ticket\_passenger where age in (select max(age) from ticket\_passenger);**
3. **select count(\*) from ticket\_passenger where name like "%Ullal%";** ****