**Lab Assignment 02**

**Name** : Md. Tasnimul Hassan Khan Rafath

**Student ID** : 21201452

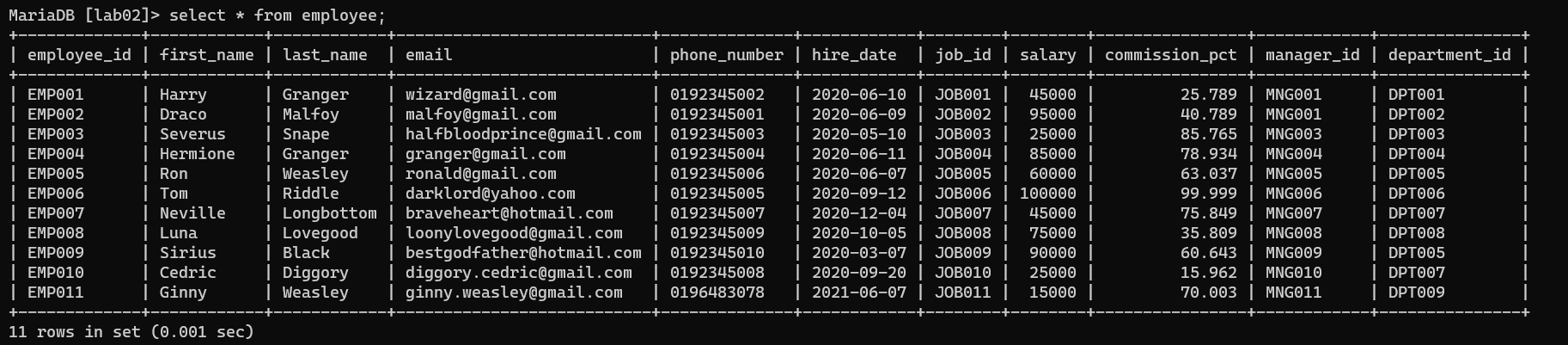
**Section**  : 07

**MYSQL Commands**

create table Employee (employee\_id char(10), first\_name varchar(20), last\_name

varchar(20), email varchar(60), phone\_number char(14), hire\_date date, job\_id char(10), salary int, commission\_pct decimal(5,3), manager\_id char(10), department\_id char(10));

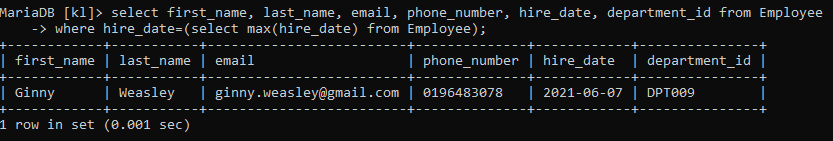
insert into Employee values ('EMP001','Harry','Granger','wizard@gmail.com','0192345002','2020-6-10','JOB001',45000,25.789,'MNG001','DPT001'),('EMP002','Draco','Malfoy','malfoy@gmail.com','0192345001','2020-6-9','JOB002',95000,40.789,'MNG002','DPT002'),('EMP003','Severus','Snape','halfbloodprince@gmail.com','0192345003','2020-5-10','JOB003',25000,85.765,'MNG003','DPT003'),('EMP004','Hermione','Granger','granger@gmail.com','0192345004','2020-6-11','JOB004',85000,78.934,'MNG004','DPT004'),('EMP005','Ron','Weasley','ronald@gmail.com','0192345006','2020-6-7','JOB005',60000,63.037,'MNG005','DPT005'),('EMP006','Tom','Riddle','darklord@yahoo.com','0192345005','2020-9-12','JOB006',100000,99.999,'MNG006','DPT006'),('EMP007','Neville','Longbottom','braveheart@hotmail.com','0192345007','2020-12-4','JOB007',45000,75.849,'MNG007','DPT007'),('EMP008','Luna','Lovegood','loonylovegood@gmail.com','0192345009','2020-10-5','JOB008',75000,35.809,'MNG008','DPT008'),('EMP009','Sirius','Black','bestgodfather@hotmail.com','0192345010','2020-3-7','JOB009',90000,60.643,'MNG009','DPT005'),('EMP010','Cedric','Diggory','diggory.cedric@gmail.com','0192345008','2020-9-20','JOB010',25000,15.962,'MNG010','DPT007'),('EMP011','Ginny','Weasley','ginny.weasley@gmail.com','0196483078','2021-6-7','JOB011',15000,70.003,'MNG011','DPT009');



**Task 01:--------**

select first\_name, last\_name, email, phone\_number, hire\_date, department\_id from Employee

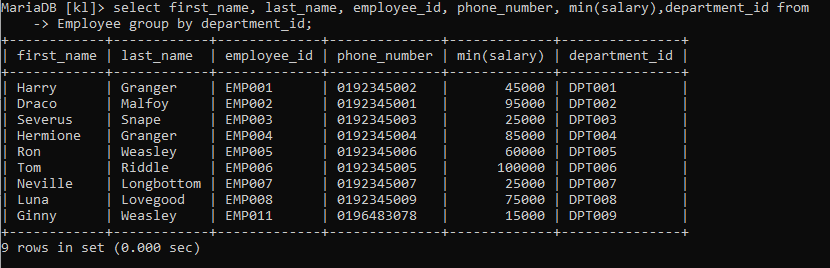
where hire\_date=(select max(hire\_date) from Employee);



**Task 02:--------**

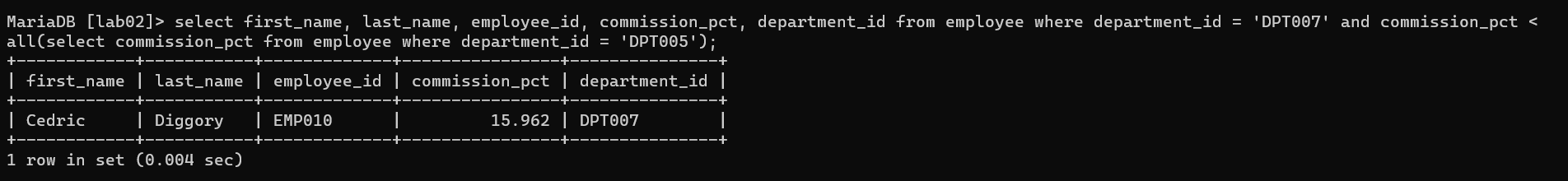
select first\_name, last\_name, employee\_id, phone\_number, min(salary),department\_id from

Employee group by department\_id;



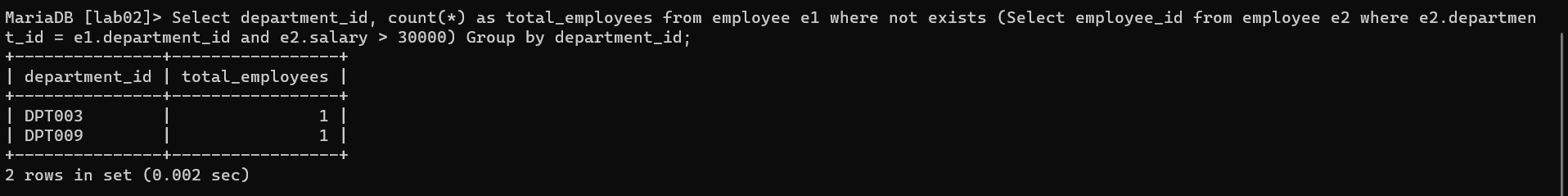
**Task 03:--------**

select first\_name, last\_name, employee\_id, commission\_pct, department\_id from employee where department\_id = 'DPT007' and commission\_pct < all(select commission\_pct from employee where department\_id = 'DPT005');



**Task 04:--------**

Select department\_id, count(\*) as total\_employees from employee e1 where not exists (Select employee\_id from employee e2 where e2.department\_id = e1.department\_id and e2.salary > 30000) Group by department\_id;

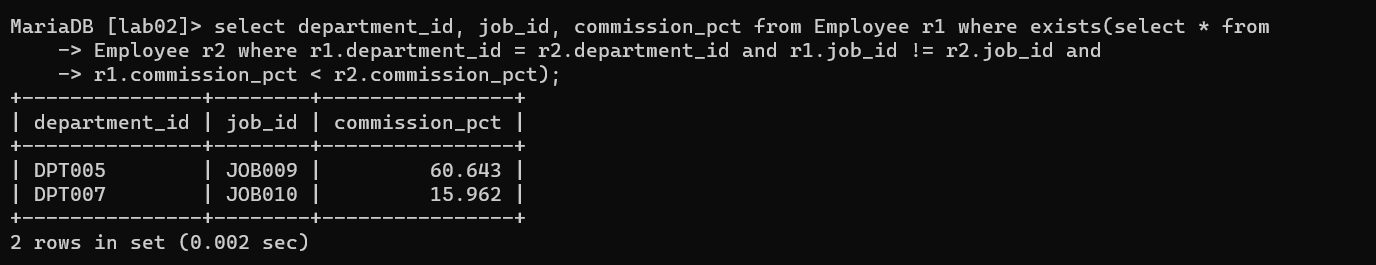


**Task 05:--------**

select department\_id, job\_id, commission\_pct from Employee r1 where exists(select \* from

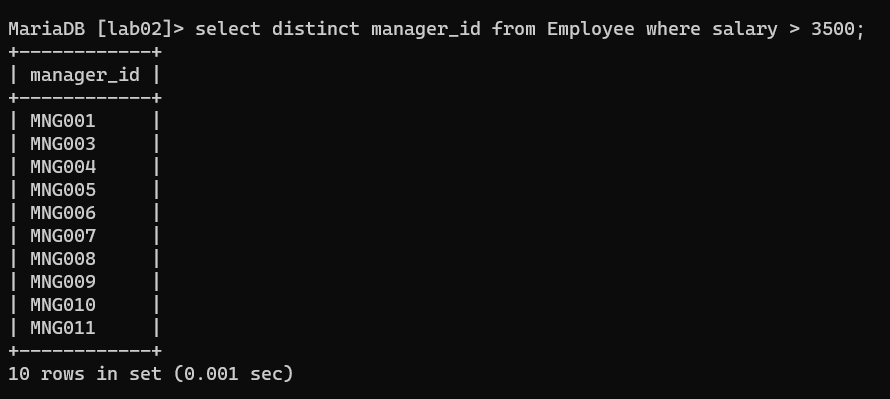
Employee r2 where r1.department\_id = r2.department\_id and r1.job\_id != r2.job\_id and

r1.commission\_pct < r2.commission\_pct);



**Task 06:---------**

Select distinct manager\_id from Employee where salary > 3500;



**Task 07:---------**

select first\_name, last\_name, employee\_id, email, salary, department\_id, commission\_pct from

Employee group by manager\_id having min(commission\_pct);

