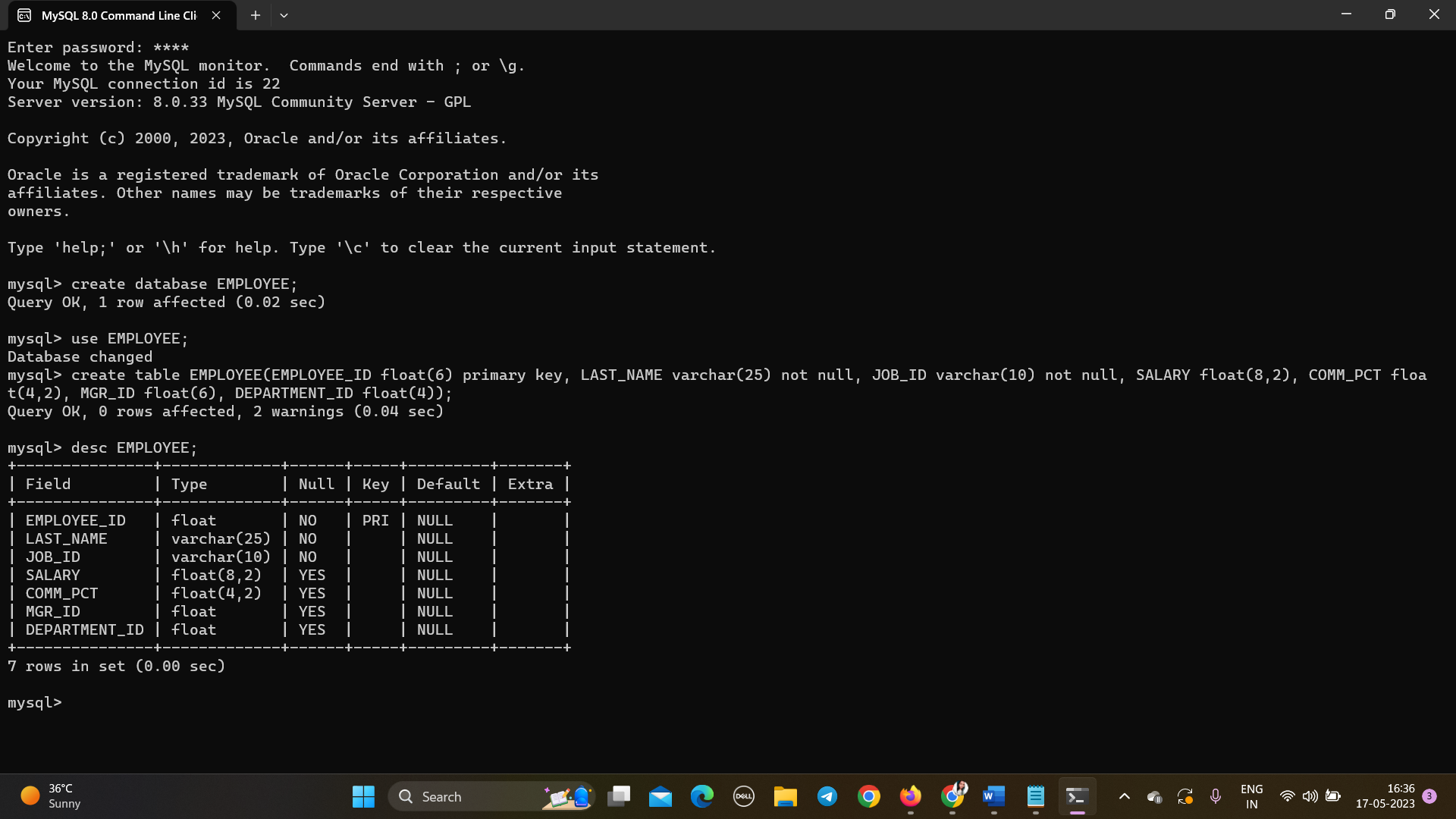
DBMS Assignment

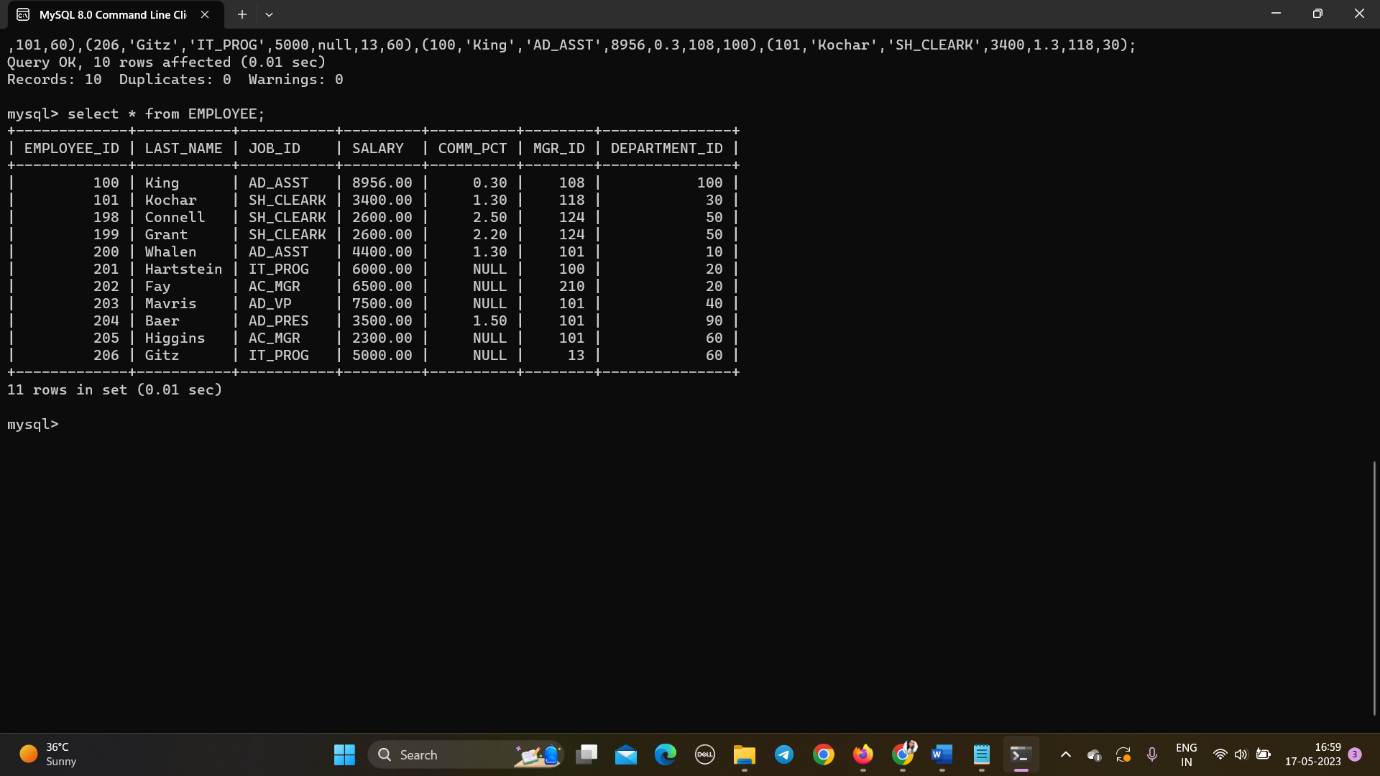
Q1) Create table EMPLOYEE with the following details.

* create database EMPLOYEE;
* use EMPLOYEE;
* create table EMPLOYEE(EMPLOYEE\_ID float(6) primary key, LAST\_NAME varchar(25) not null, JOB\_ID varchar(10) not null, SALARY float(8,2), COMM\_PCT float(4,2), MGR\_ID float(6), DEPARTMENT\_ID float(4));
* desc EMPLOYEE;

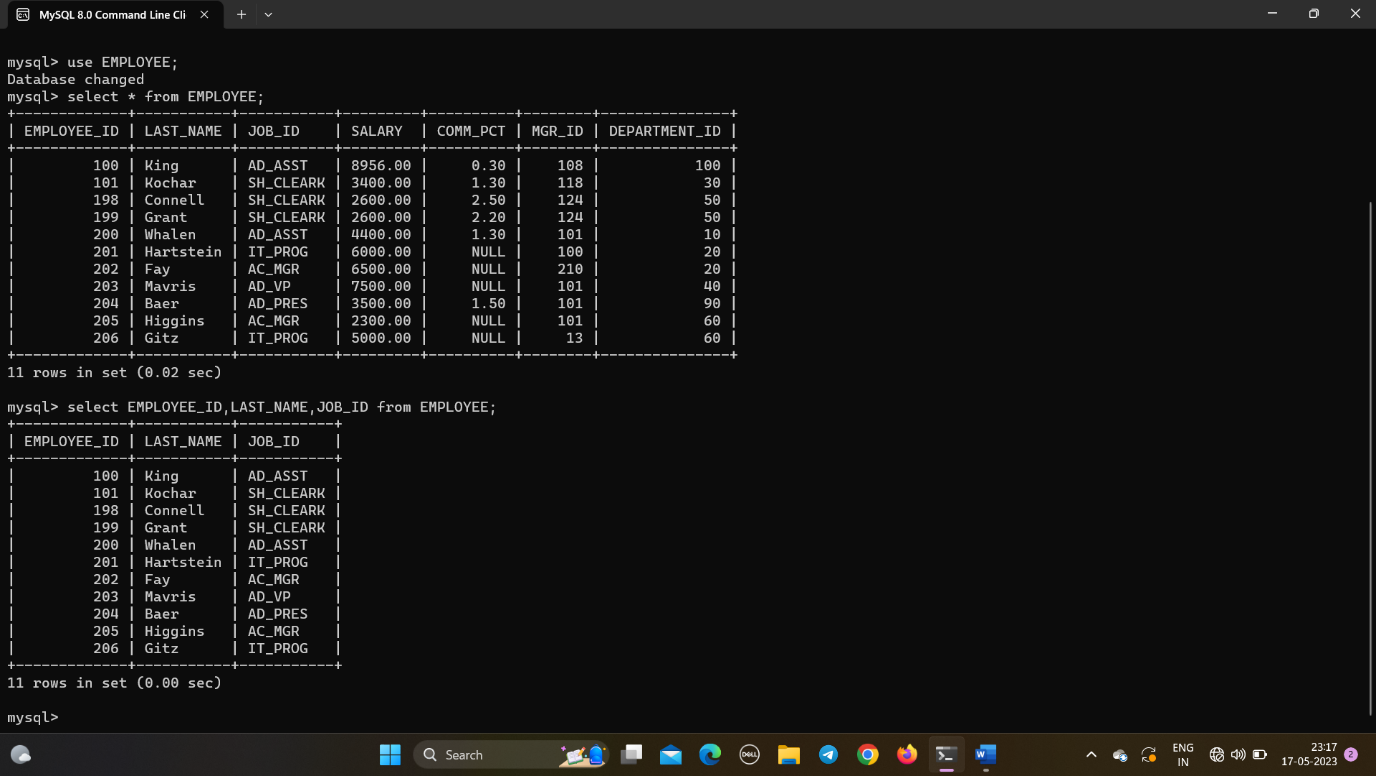


Q2. Insert the following data into EMPLOYEE table.

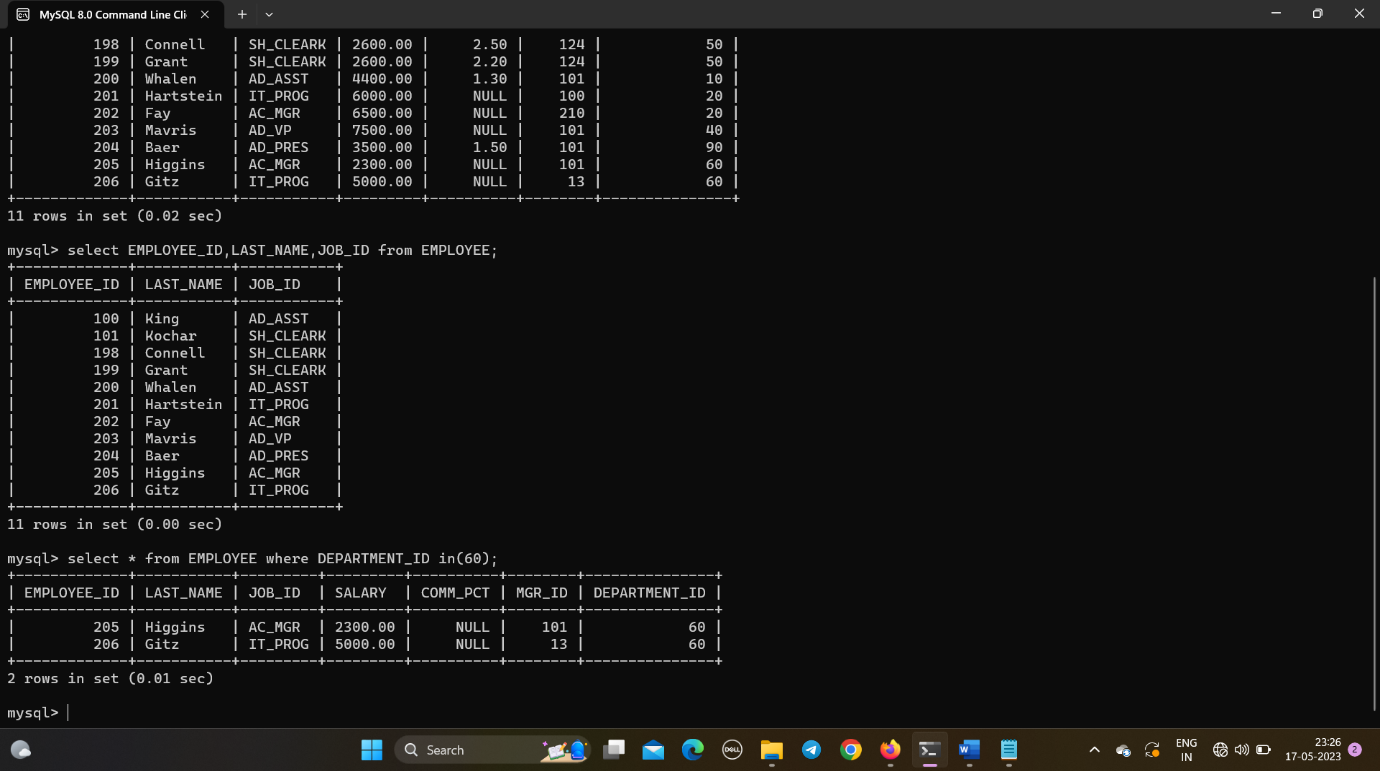
* insert into EMPLOYEE values(198,'Connell','SH\_CLEARK',2600,2.5,124,50) ,(199,'Grant','SH\_CLEARK',2600,2.2,124,50),(200,'Whalen','AD\_ASST',4400,1.3,101,10),(201,'Hartstein','IT\_PROG',6000,null,100,20),(202,'Fay','AC\_MGR',6500,null,210,20),(203,'Mavris','AD\_VP',7500,null,101,40),(204,'Baer','AD\_PRES',3500,1.5,101,90),(205,'Higgins','AC\_MGR',2300,null,101,60),(206,'Gitz','IT\_PROG',5000,null,13,60),(100,'King','AD\_ASST',8956,0.3,108,100),(101,'Kochar','SH\_CLEARK',3400,1.3,118,30);



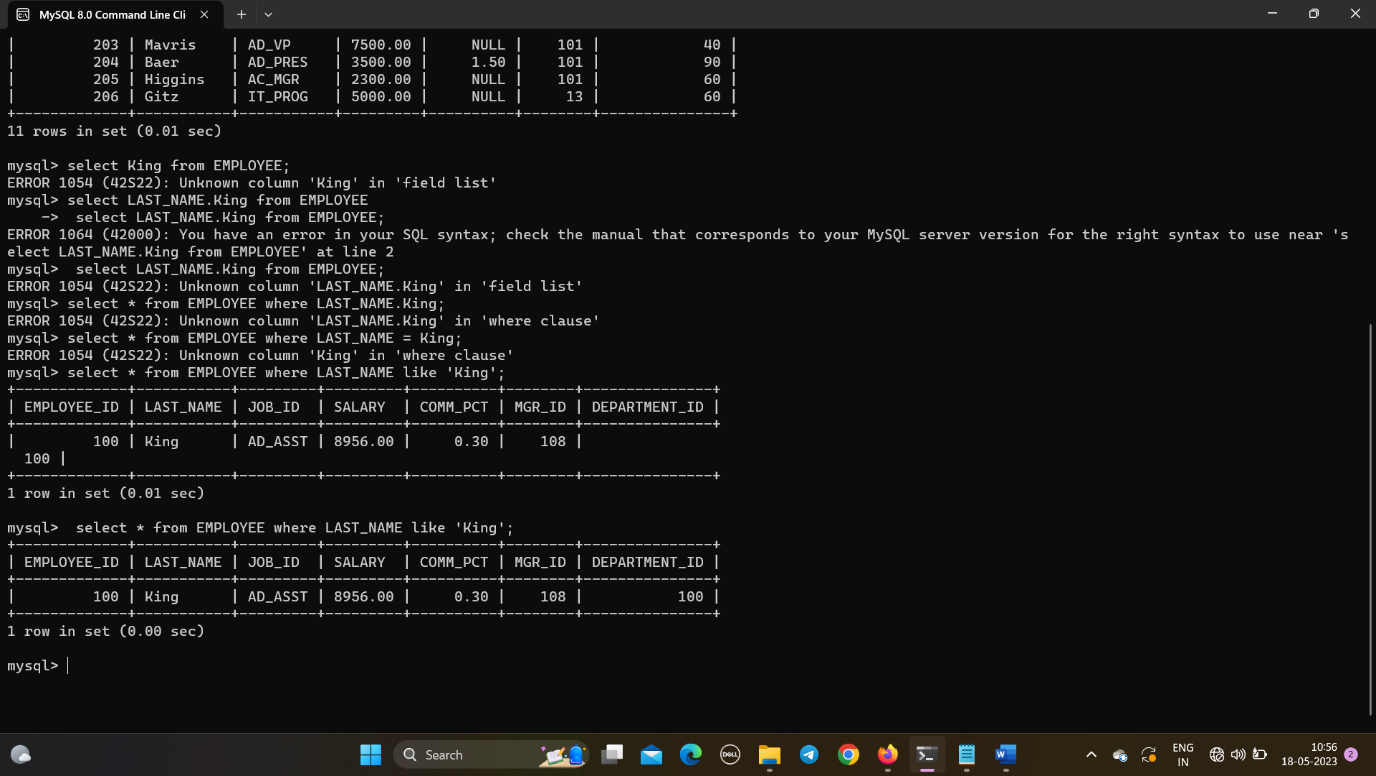
Q3. Display last\_name, job\_id, employee\_id for each employee with employee\_id  
appearing first.

* select EMPLOYEE\_ID,LAST\_NAME,JOB\_ID from EMPLOYEE;
* 

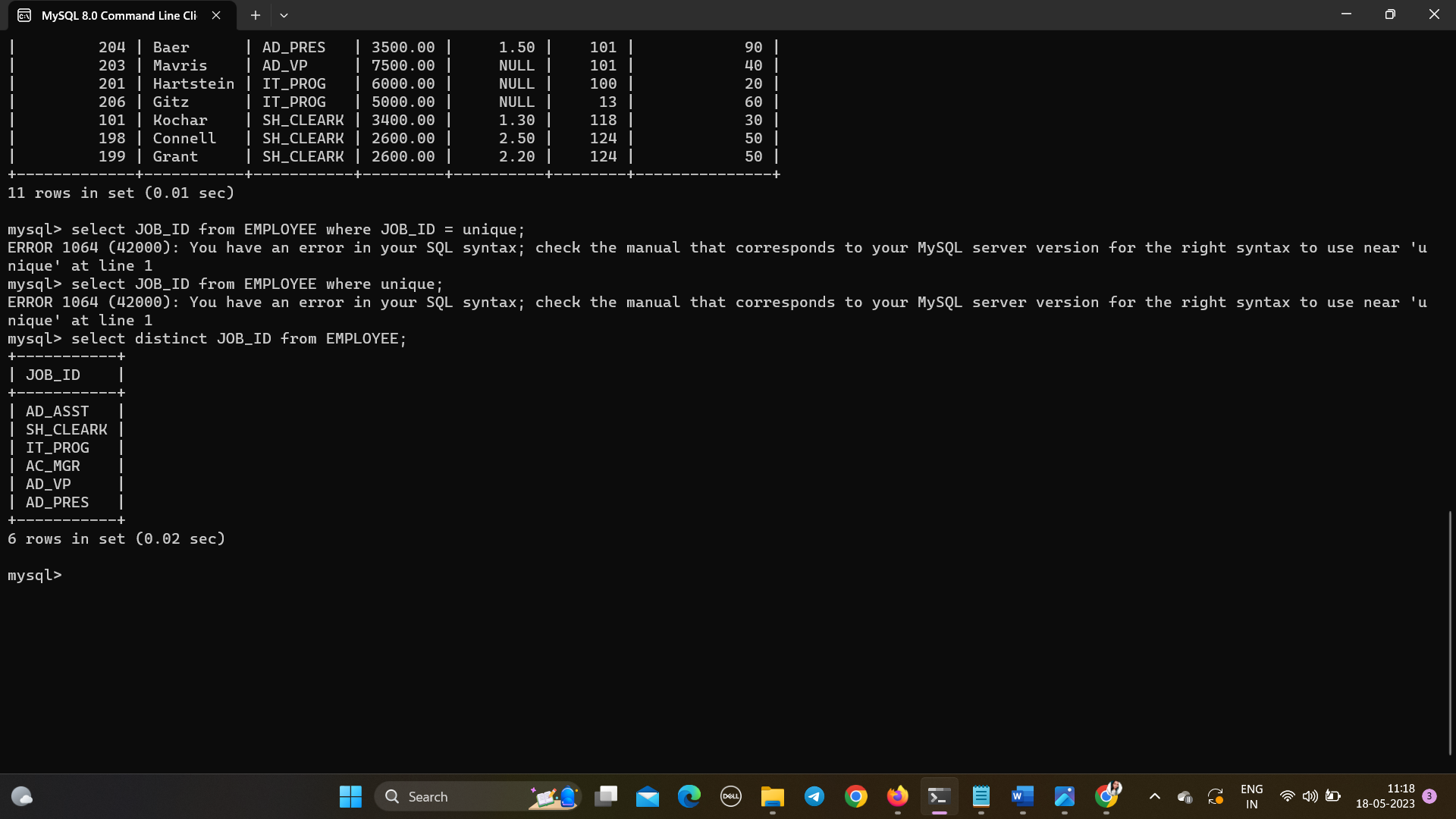
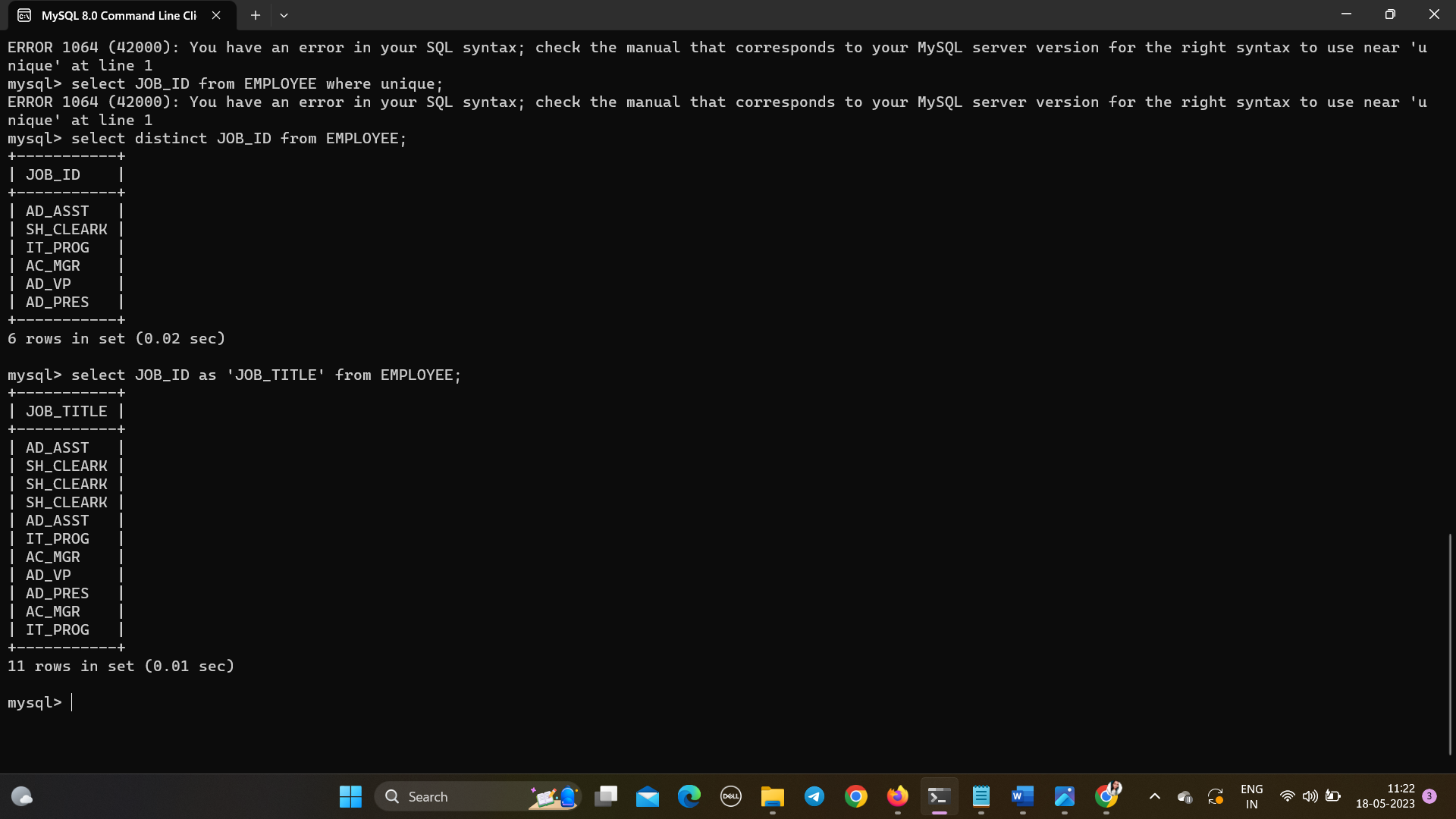
Q4. Display the details of all employees of department 60.

* select \* from EMPLOYEE where DEPARTMENT\_ID in(60);
* 

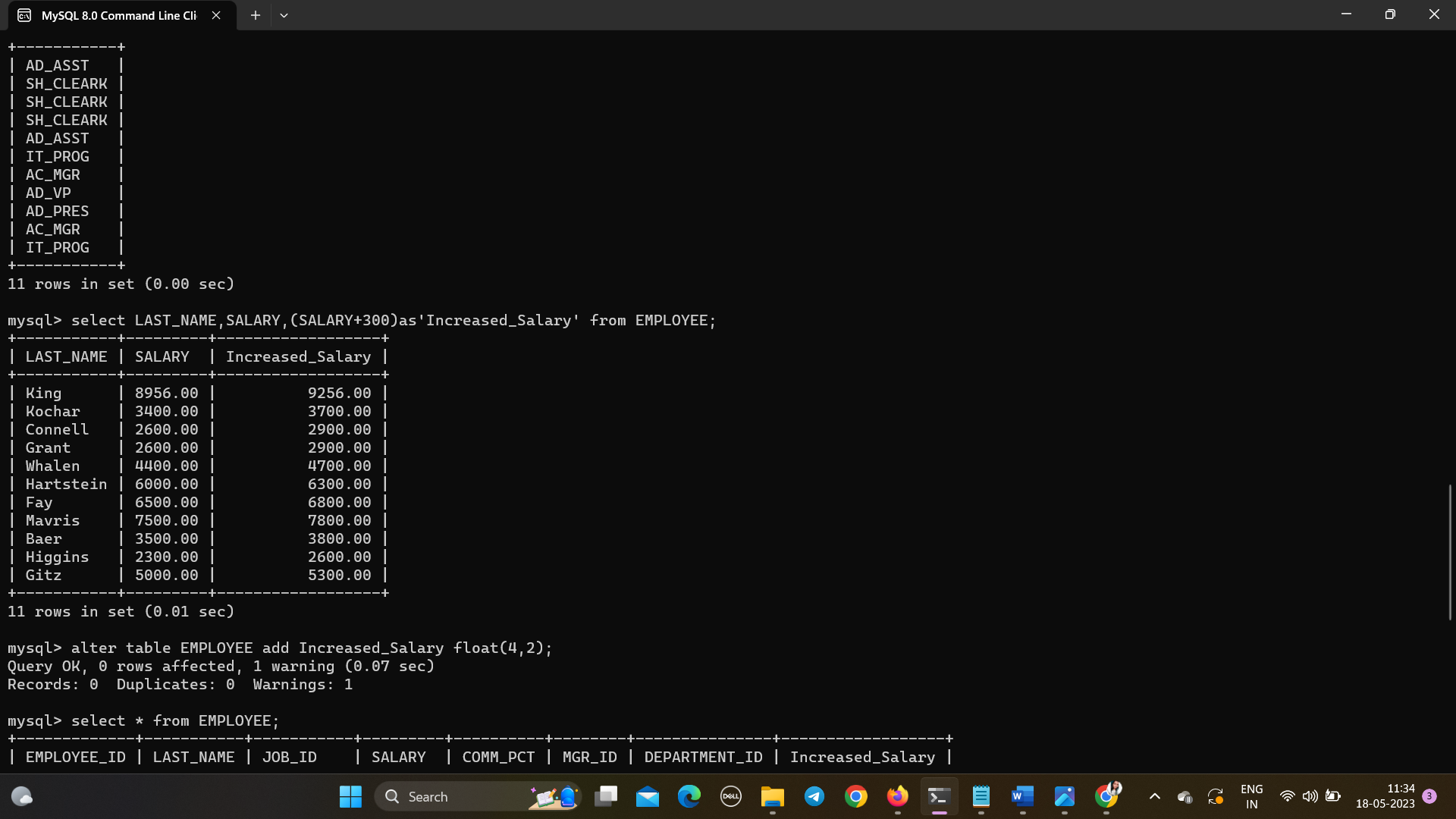
Q5. Display the employee details of the employee who’s last\_name is King.

* select \* from EMPLOYEE where LAST\_NAME like 'King';
* 

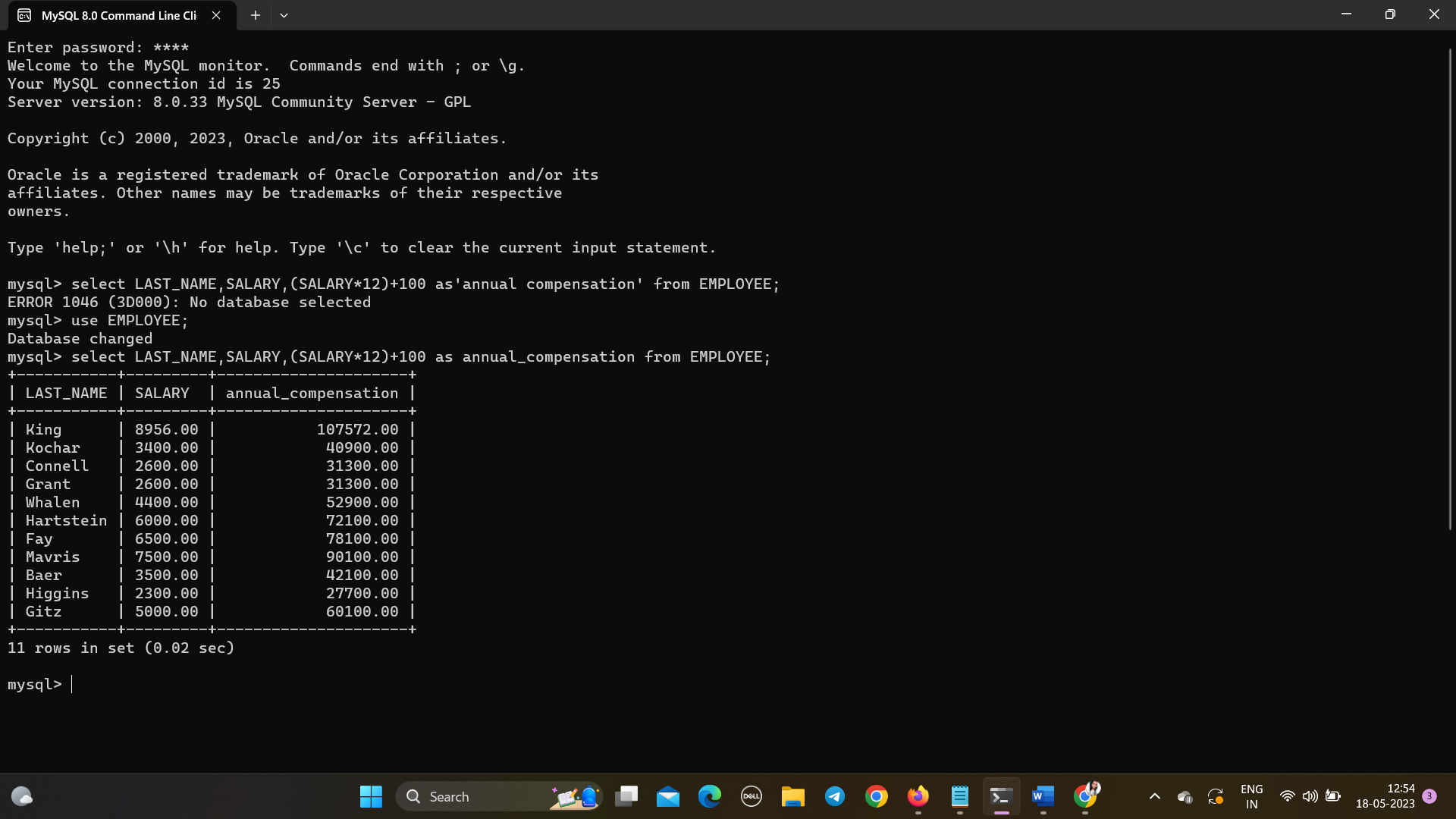
Q6. Display unique job\_id from EMPLOYEE table. Give alias name to the column as  
JOB\_TITLE.

* select distinct JOB\_ID from EMPLOYEE;
* 
* select JOB\_ID as 'JOB\_TITLE' from EMPLOYEE;
* 

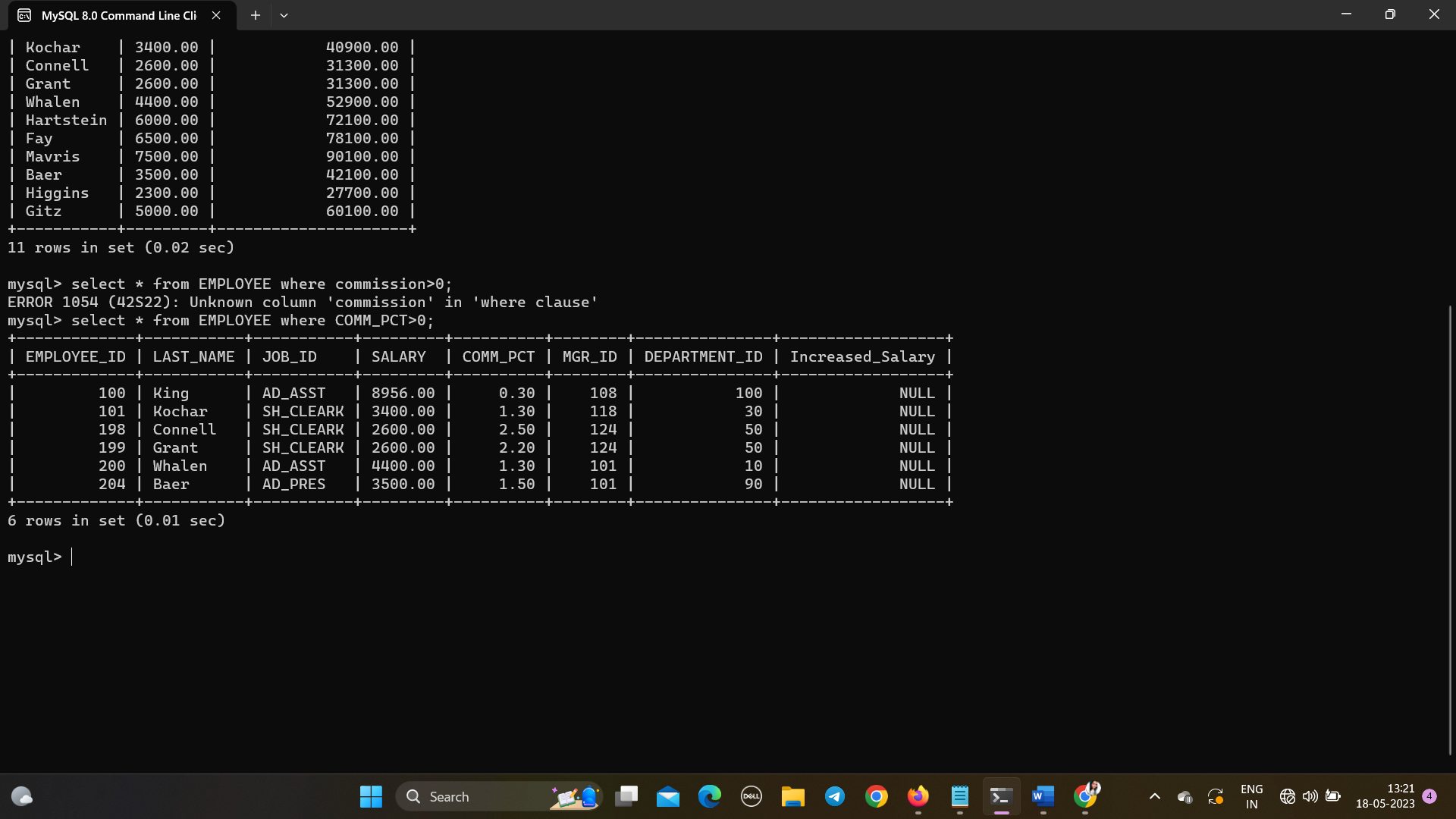
Q 7. Display last\_name, salary and salary increase of Rs300. Give the new column name  
as ‘Increased Salary’.

* select LAST\_NAME,SALARY,(SALARY+300)as'Increased\_Salary' from EMPLOYEE;
* 

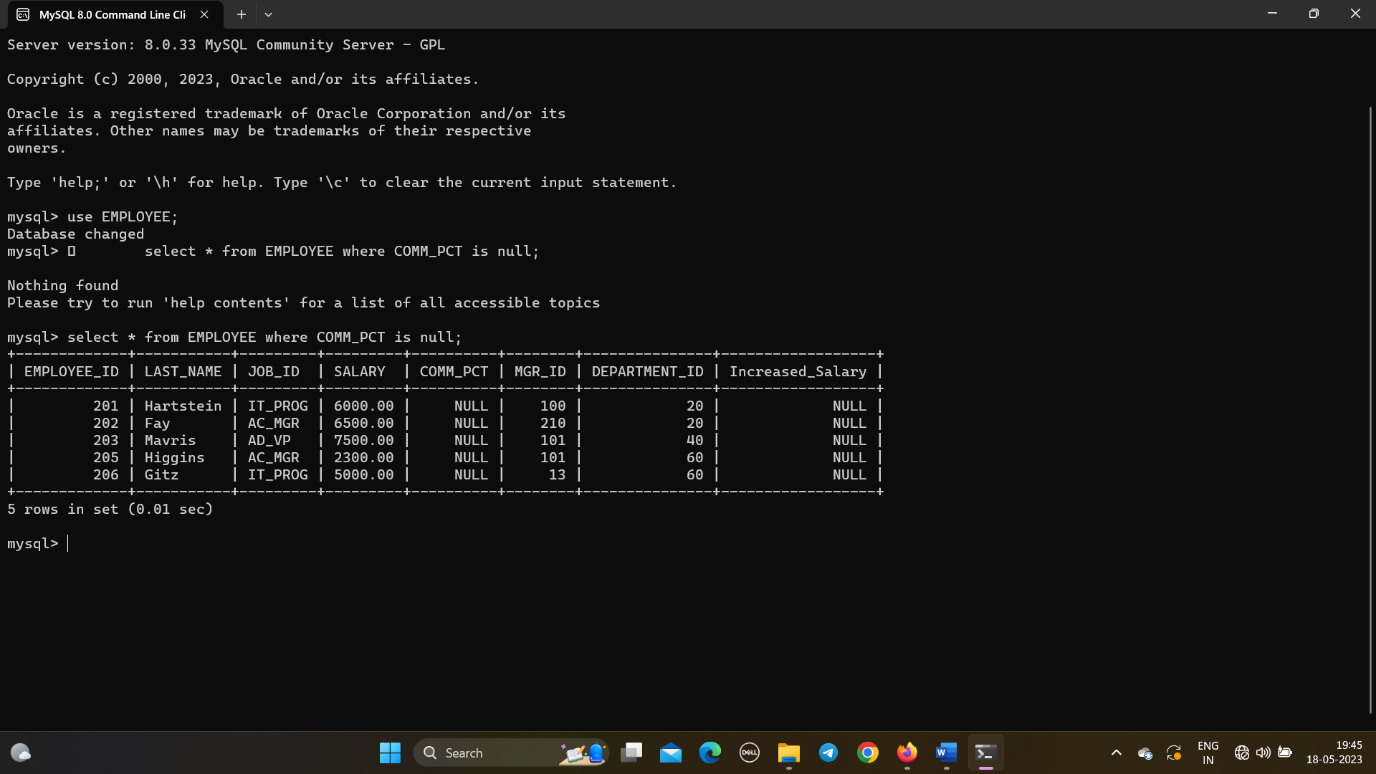
Q8. Display last\_name, salary and annual compensation of all employees, plus a  
onetime bonus of Rs 100. Give an alias name to the column displaying annual  
compensation.

* select LAST\_NAME,SALARY,(SALARY\*12)+100 as annual\_compensation from EMPLOYEE;
* 

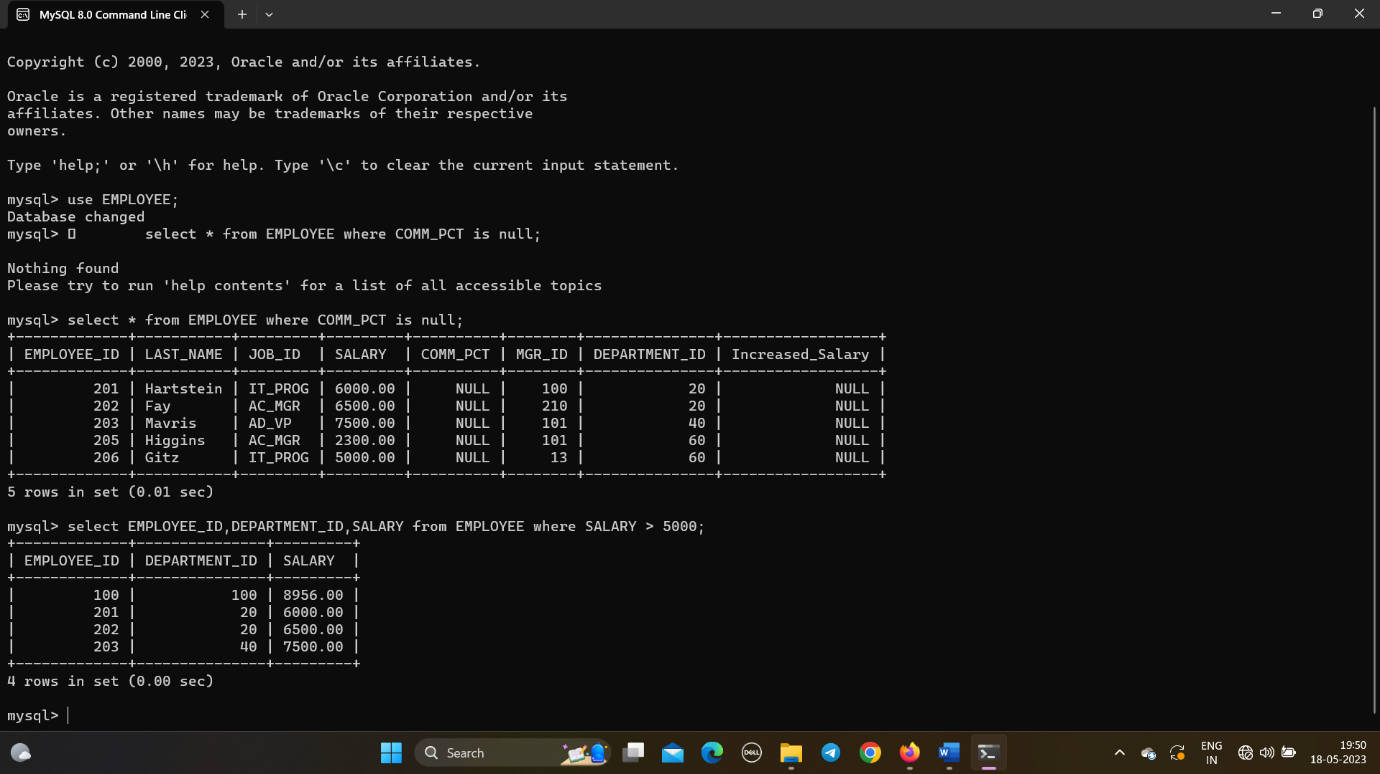
Q9. Display the details of those employees who get commission.

* select \* from EMPLOYEE where COMM\_PCT>0;
* 

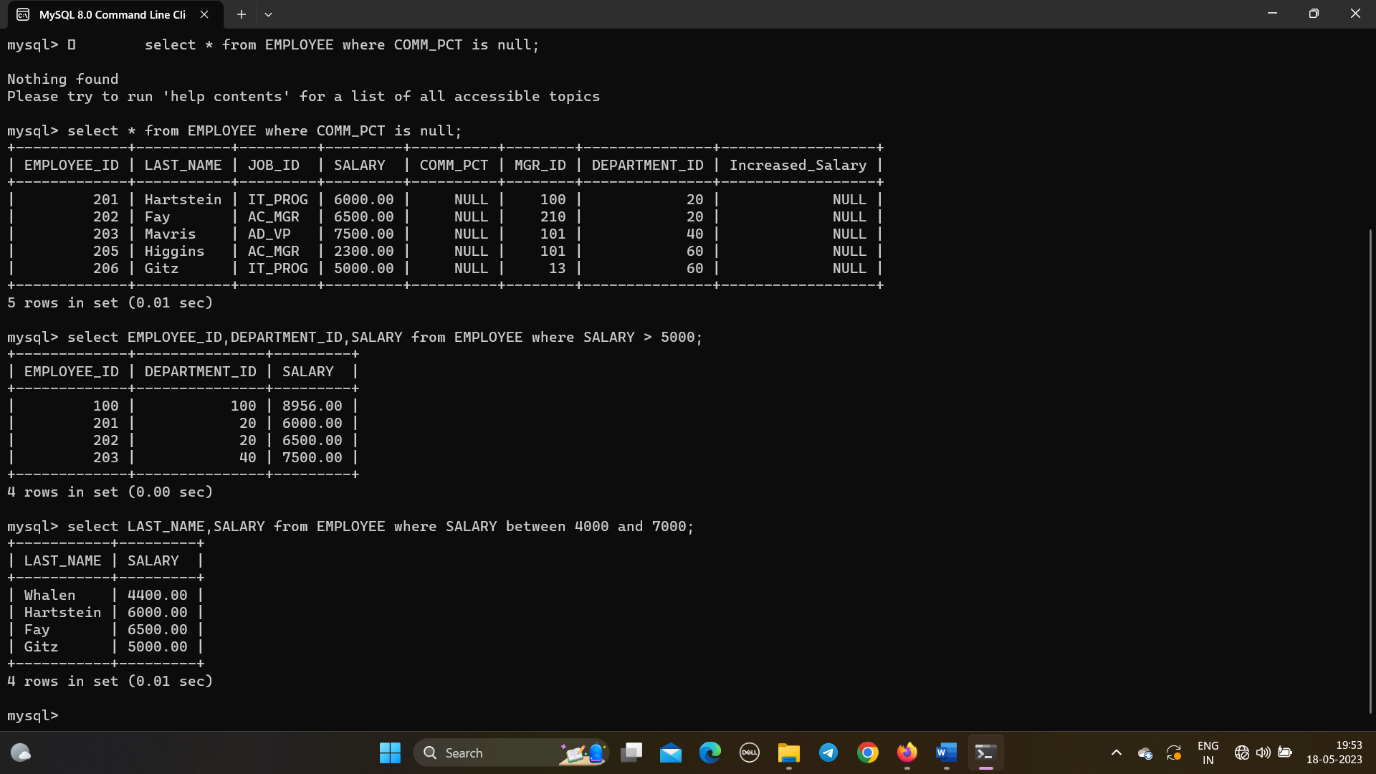
Q10. Display the details of those employees who do not get commission.

* select \* from EMPLOYEE where COMM\_PCT is null;

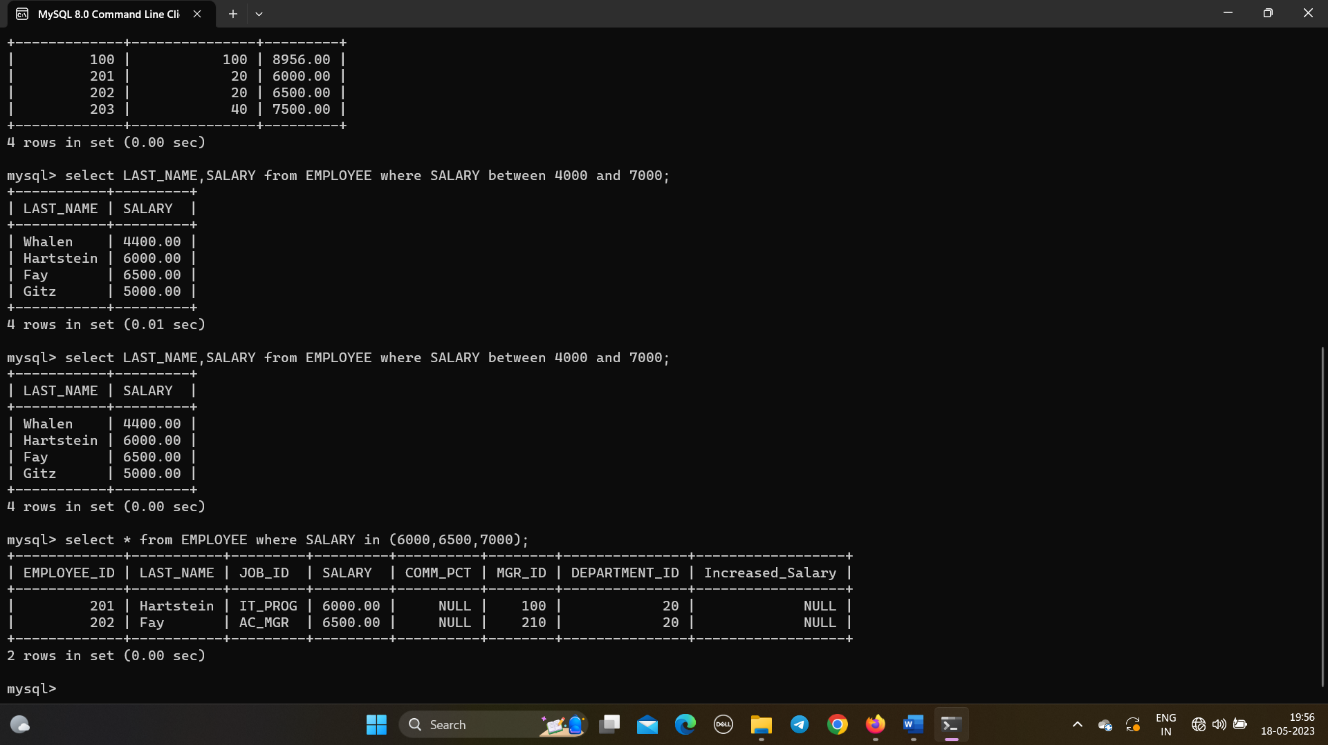
Q11. Display the Employee\_id, Department\_id and Salary all employees whose salary is  
greater than 5000.

* select EMPLOYEE\_ID,DEPARTMENT\_ID,SALARY from EMPLOYEE where SALARY > 5000;
* 

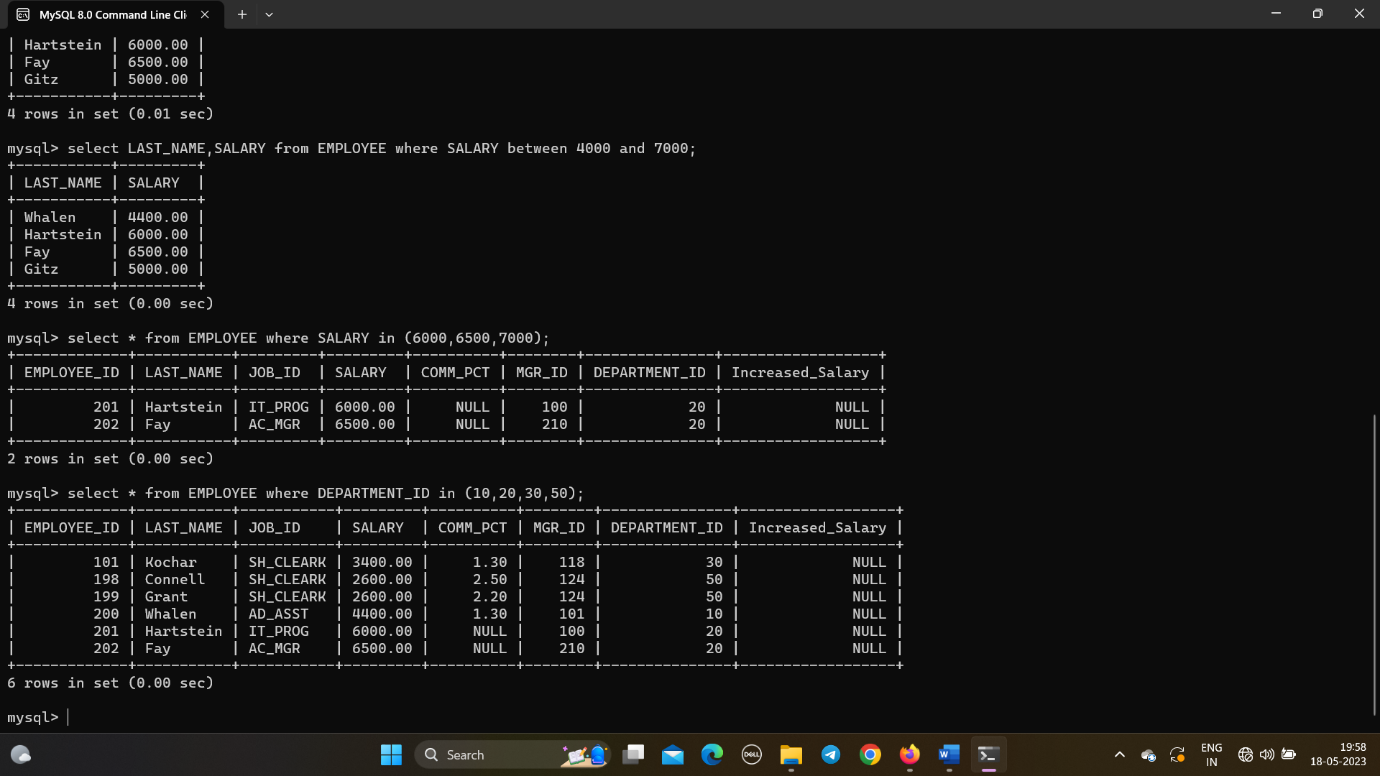
Q 12. Display the Last\_Name and Salary of all employees whose salary is between 4000  
and 7000.

* select LAST\_NAME,SALARY from EMPLOYEE where SALARY between 4000 and 7000;
* 

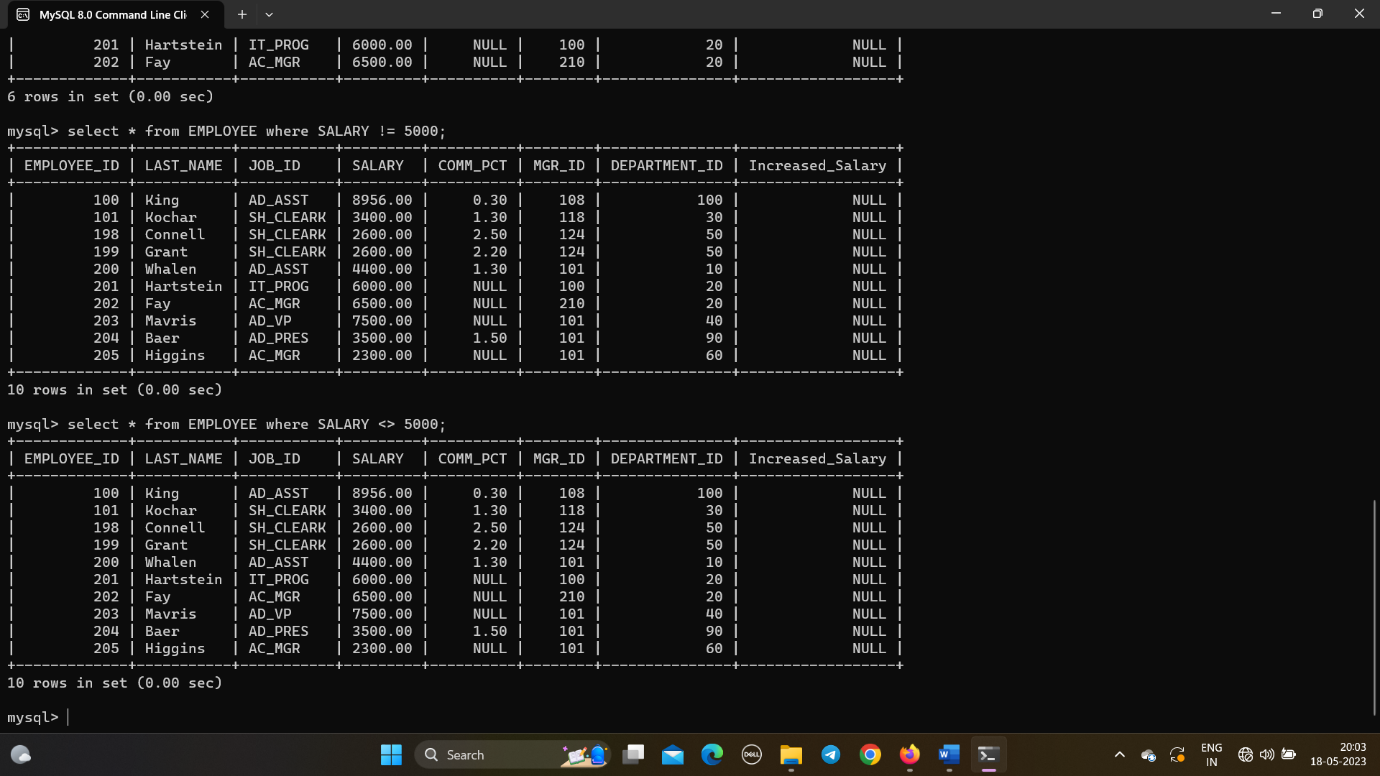
Q13. Display the details of all employees whose salary is either 6000 or 6500 or 7000.

* select \* from EMPLOYEE where SALARY in (6000,6500,7000);
* 

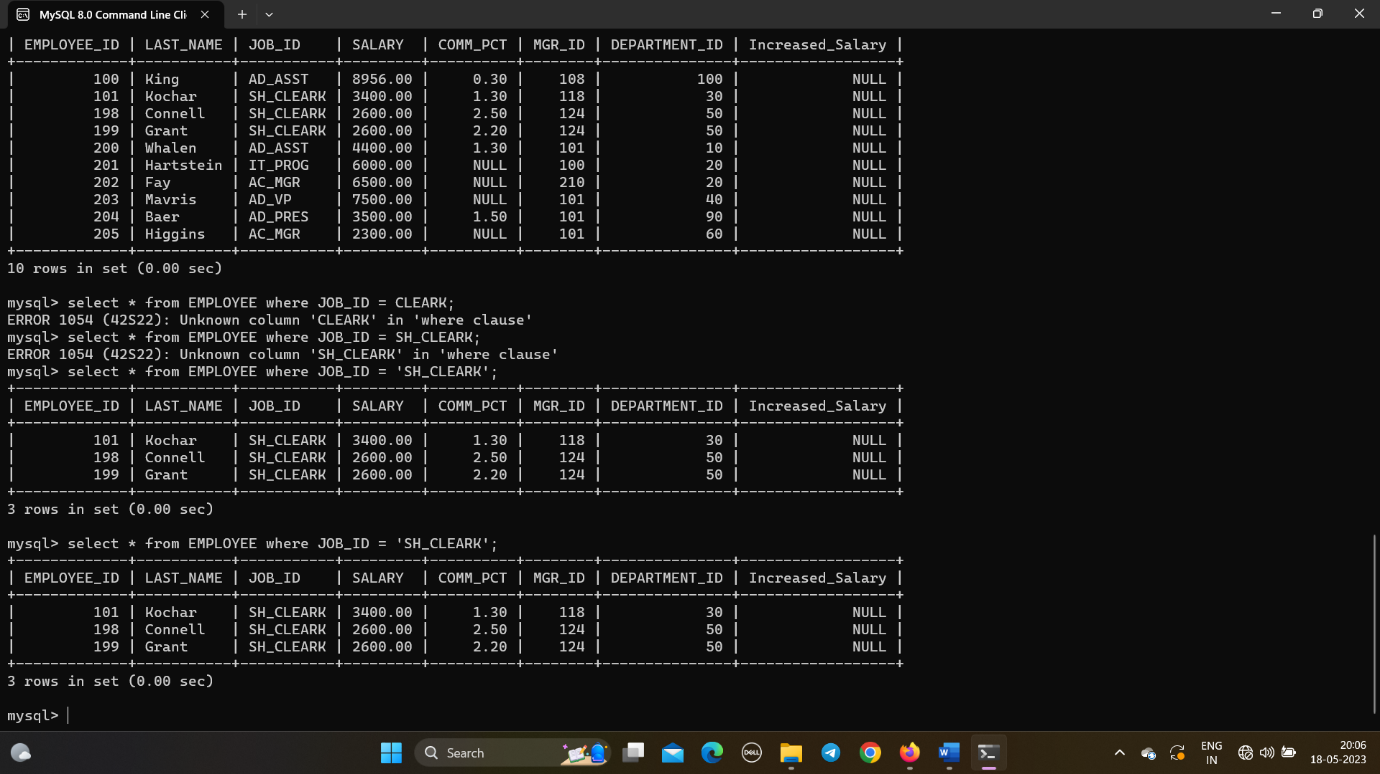
Q14. Display the details of all those employees who work either in department 10 or 20  
or 30 or 50.

* select \* from EMPLOYEE where DEPARTMENT\_ID in (10,20,30,50);
* 

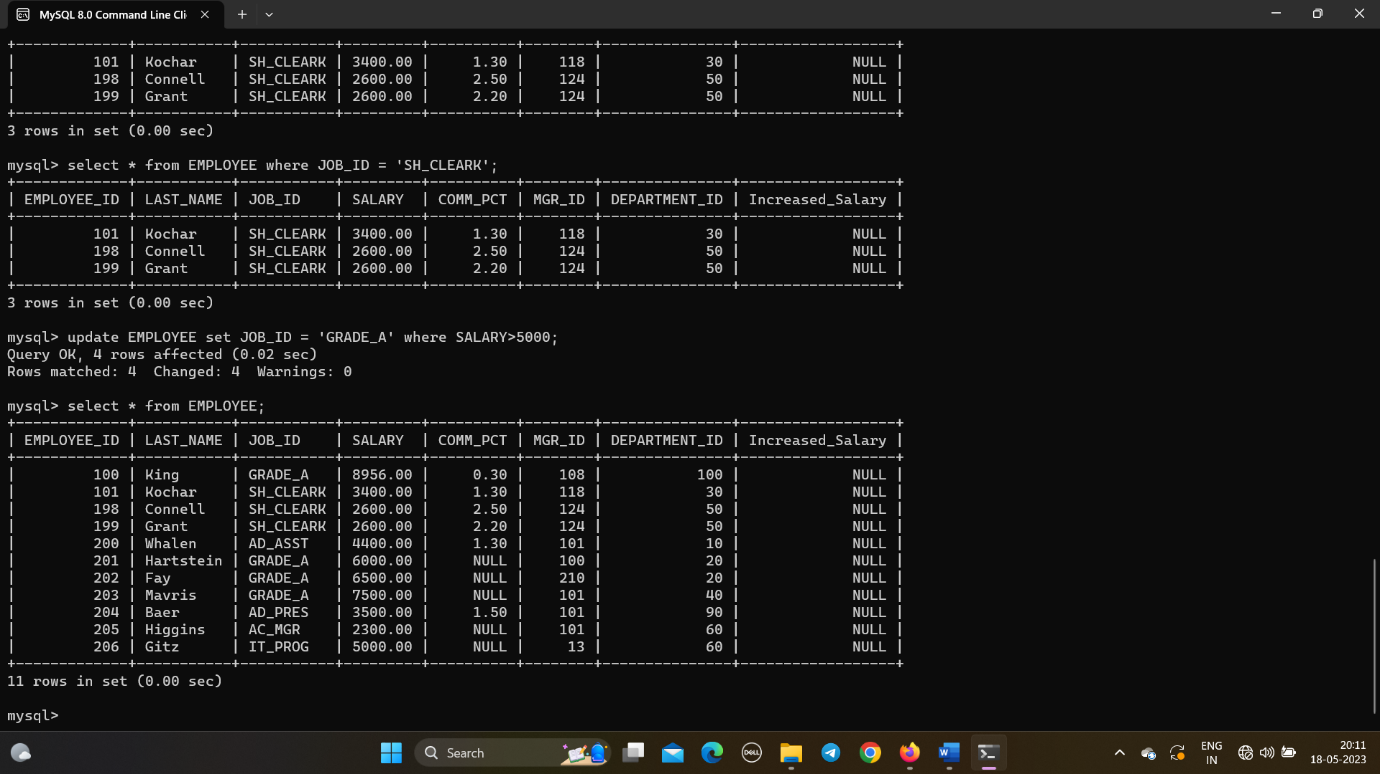
Q15. Display the details of all employees whose salary is not equal to 5000.

* select \* from EMPLOYEE where SALARY != 5000;
* 

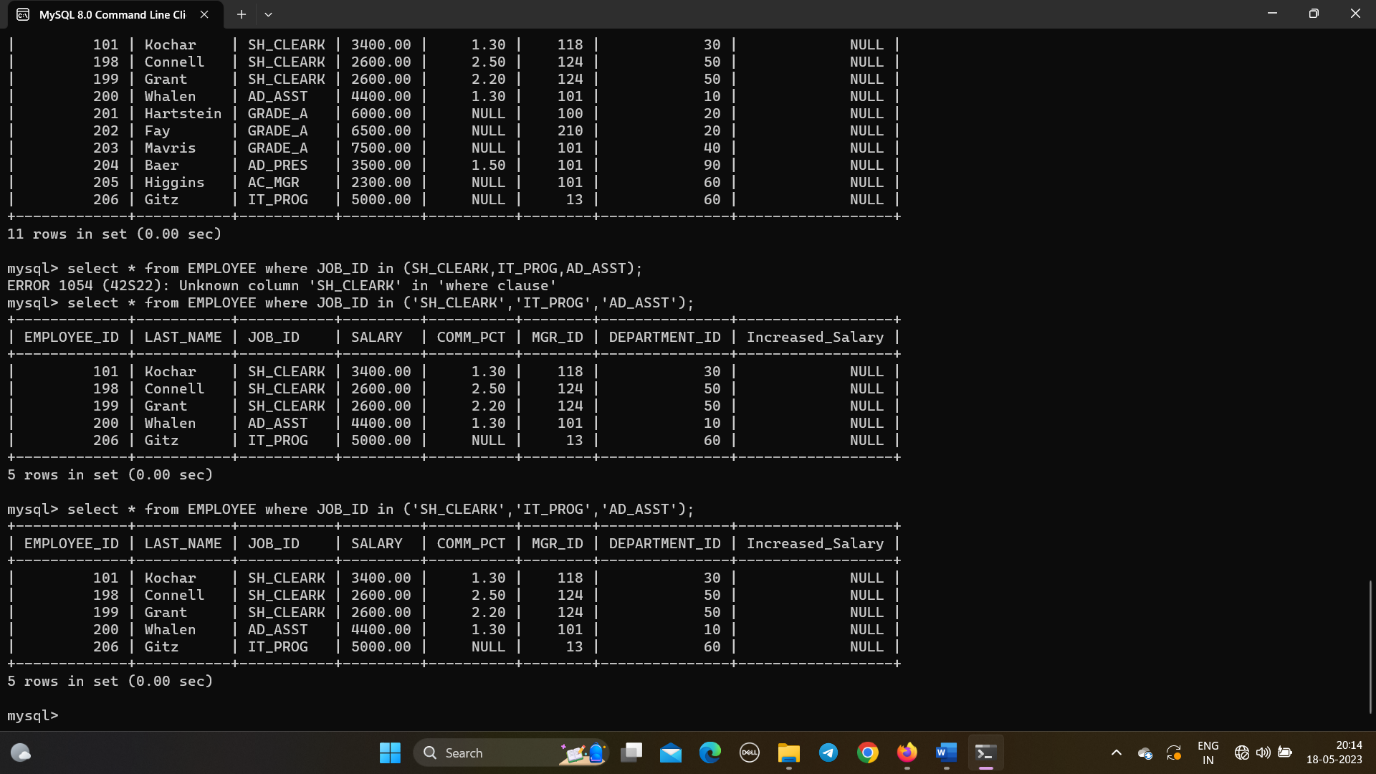
Q16. Display the details of all the CLERKS working in the organization.

* select \* from EMPLOYEE where JOB\_ID = 'SH\_CLEARK';
* 

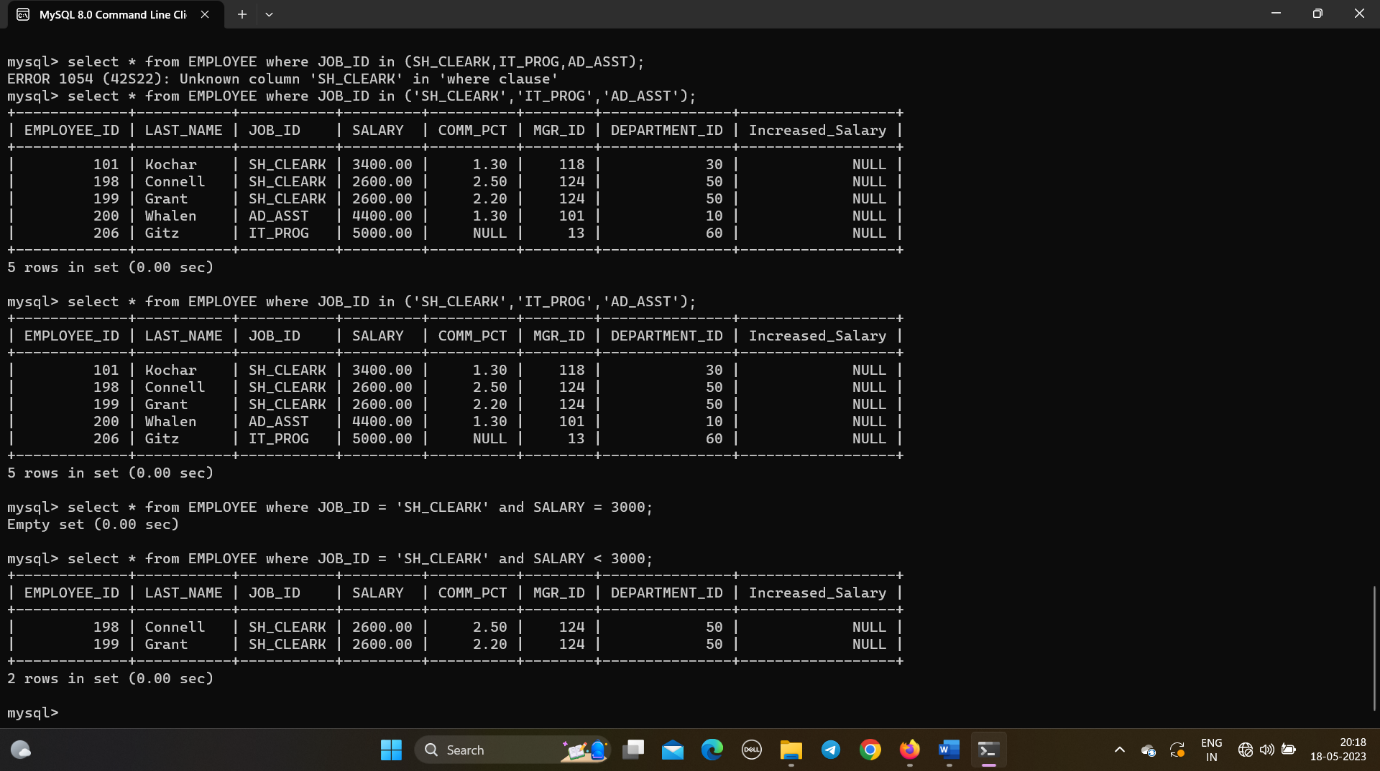
Q17. Update the job\_id’s of the employees who earn more than 5000 to Grade\_A.  
Display the table EMPLOYEE after updating.

* update EMPLOYEE set JOB\_ID = 'GRADE\_A' where SALARY>5000;
* 

Q18 Display the details of all those employees who are either CLERK or  
PROGRAMMER or ASSISTANT.

* select \* from EMPLOYEE where JOB\_ID in ('SH\_CLEARK','IT\_PROG','AD\_ASST');

Q19 Display those employees from the EMPLOYEE table whose designation is  
CLERK and salary is less than 3000.

* select \* from EMPLOYEE where JOB\_ID = 'SH\_CLEARK' and SALARY < 3000;
* 

Q 20 Display those employees Last\_Name, Mgr\_id from the EMPLOYEE table whose  
salary is above 3000 and work under Manager 101.

* select LAST\_NAME, MGR\_ID from EMPLOYEE where SALARY > 3000 and MGR\_ID = 101;
* 