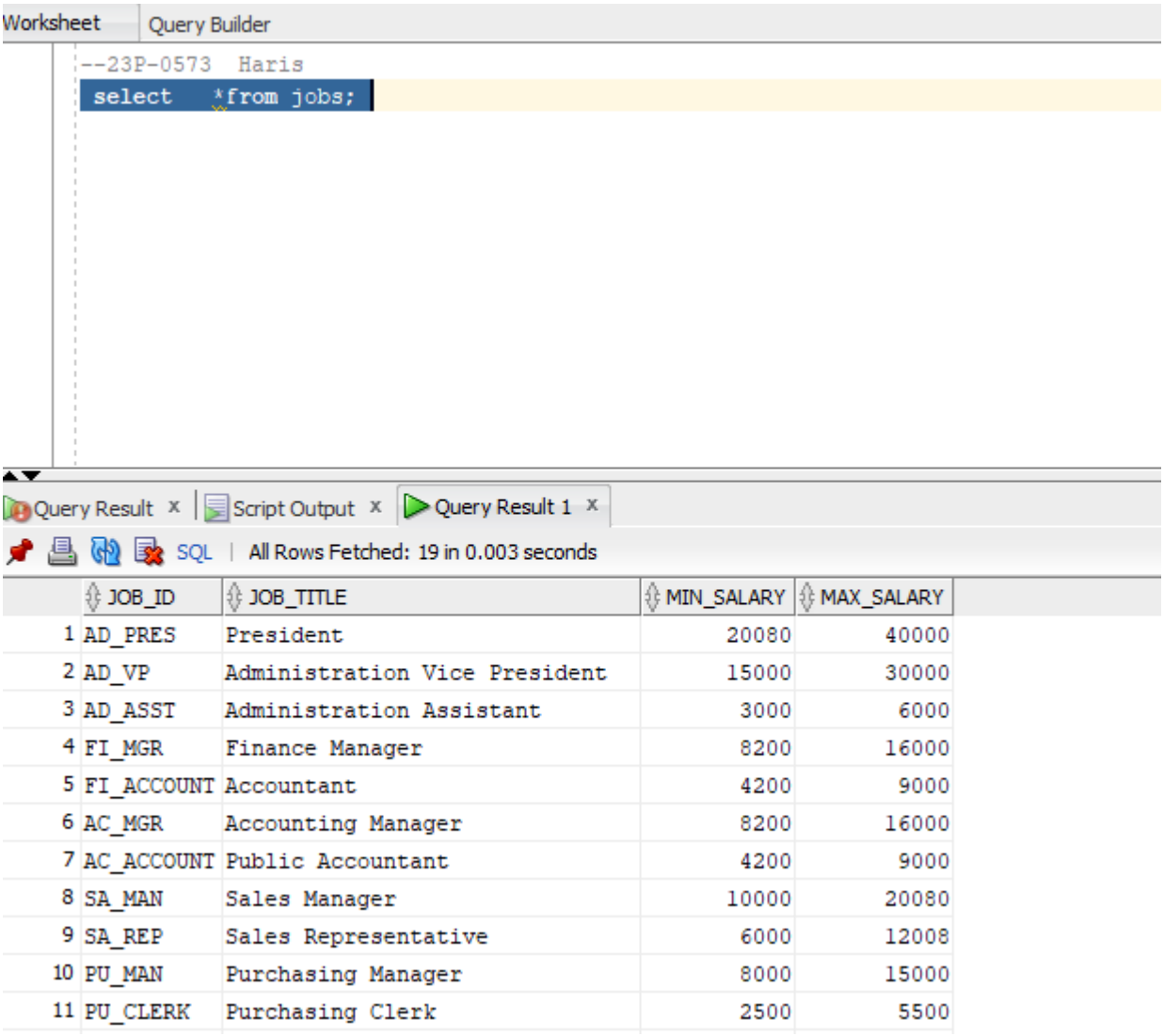
Name : Haris Roll # 23P-0573

1. Write a SQL statement to display all the information of table Jobs.

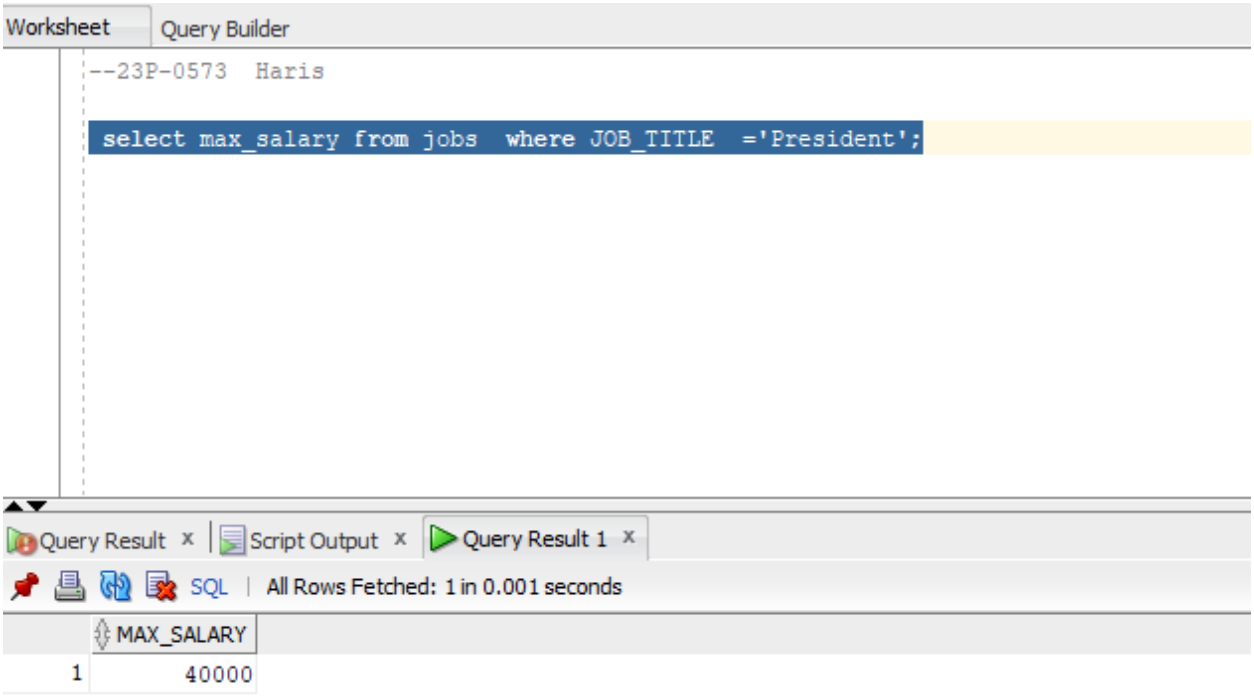
--1 select *from jobs;



	JOB_ID	JOB_TITLE	MIN_SALARY	MAX_SALARY
1	AD_PRES	President	20080	40000
2	AD_VP	Administration Vice President	15000	30000
3	AD_ASST	Administration Assistant	3000	6000
4	FI_MGR	Finance Manager	8200	16000
5	FI_ACCOUNT	Accountant	4200	9000
6	AC_MGR	Accounting Manager	8200	16000
7	AC_ACCOUNT	Public Accountant	4200	9000
8	SA_MAN	Sales Manager	10000	20080
9	SA_REP	Sales Representative	6000	12008
10	PU_MAN	Purchasing Manager	8000	15000
11	PU_CLERK	Purchasing Clerk	2500	5500

2. Write a SQL query to find min and max salary of the Job table with Job title ‘President’ from

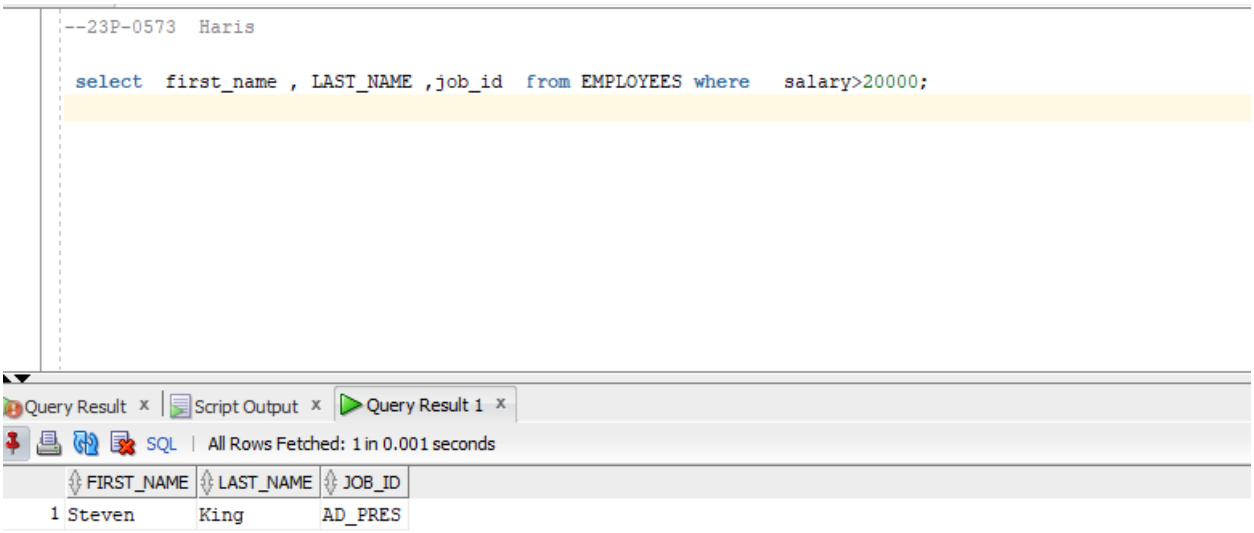
--2 select max_salary from jobs where JOB_TITLE ='President';



3. Write a SQL query to find those employees whose Salaries is greater than 20000 from

Employees table.

--3 select first_name , LAST_NAME ,job_id from EMPLOYEES where salary>20000;



4. Write a SQL query to find the Jobs whose salary are higher than or equal to $15000 from

Employees table.

--4 select job_id from EMPLOYEES where salary>= 15000 ;

```
--23P-0573  Haris

select  job_id   from EMPLOYEES where salary>=  15000 ;
```

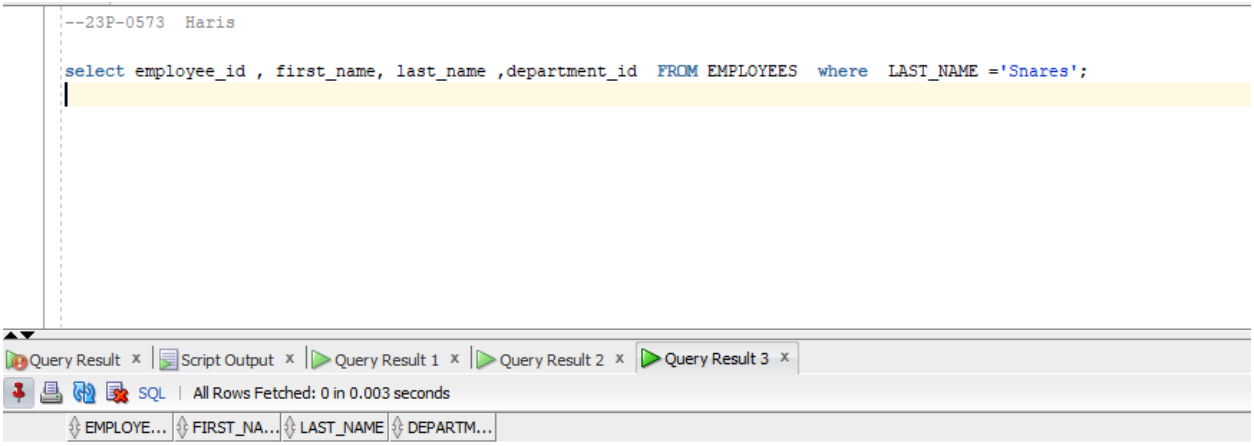
Query Result | Script Output | Query Result 1 | Query Result 2

SQL | All Rows Fetched: 3 in 0.002 seconds

	JOB_ID
1	AD_PRES
2	AD_VP
3	AD_VP

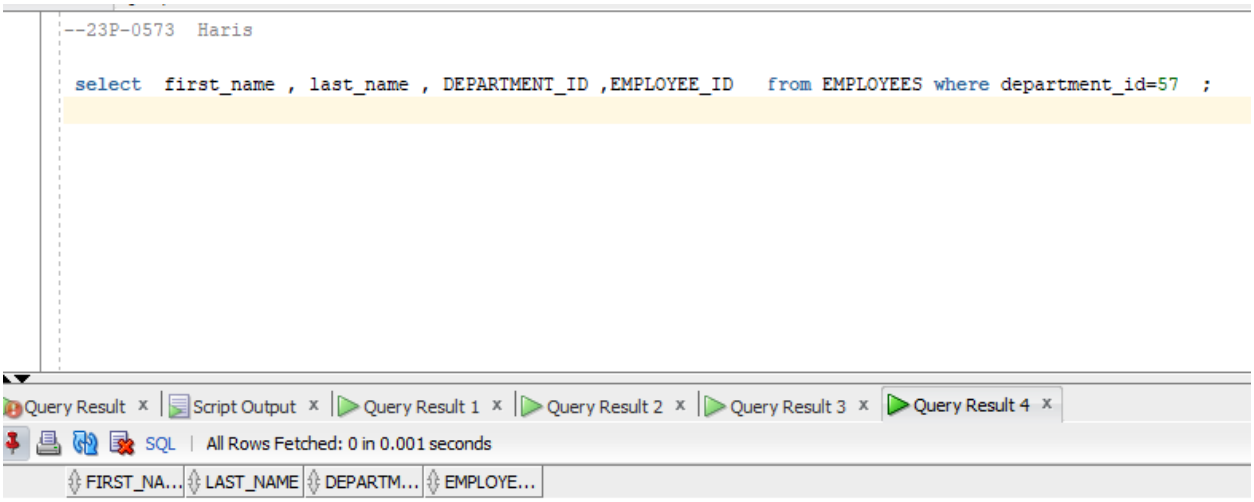
5. Write a SQL query to find the details of employees whose last name is 'Snares'. Return employee ID, employee first name, employee last name and employee dept ID.

--5 select employee_id , first_name, last_name ,department_id FROM EMPLOYEES where LAST_NAME ='Snares';



6. Write a SQL query to find the details of the employees who work in the department 57 Return employee ID, employee first name, employee last name and employee dept ID.

--6 select first_name , last_name , DEPARTMENT_ID ,EMPLOYEE_ID from EMPLOYEES where department_id=57 ;



7. Write a querry to find the PHONE_NUMBER of the DEPARTMENT_ID=80 and MANAGER_ID=100 of Employees table.

--7 select phone_number from EMPLOYEES where department_id=80 and manager_id=100;

```
--23P-0573  Haris

select  phone_number   from EMPLOYEES  where   department_id=80 and  manager_id=100;
```

Query Result | Script Output | Query Result 1 | Query Result 2 | Query Result 3 | Query Result 4 | Query Result 5

SQL | All Rows Fetched: 5 in 0.003 seconds

	PHONE_NUMBER
1	011.44.1344.429268
2	011.44.1344.467268
3	011.44.1344.429278
4	011.44.1344.619268
5	011.44.1344.429018

8. write a SQL query to find the Employees with the First name “John” “NEENA” and “Lency”

--8 select *from EMPLOYEES where first_name='NEENA' and first_name='Lency';

```
--23P-0573  Haris

select  *from EMPLOYEES  where first_name='NEENA'  and first_name='Lency';
```

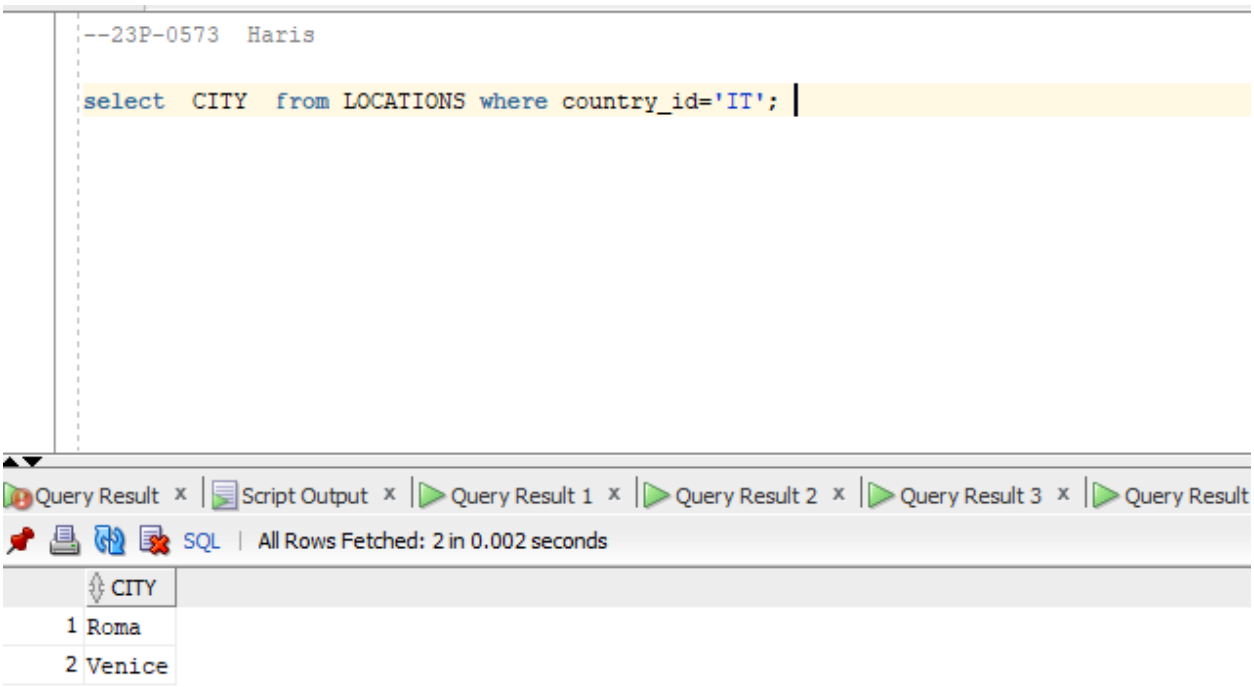
Query Result | Script Output | Query Result 1 | Query Result 2 | Query Result 3 | Query Result 4 | Query Result 5

SQL | All Rows Fetched: 0 in 0.001 seconds

EMPLOYE...	FIRST_NA...	LAST_NAME	EMAIL	PHONE_N...	HIRE_DATE	JOB_ID	SALARY	COMMISS...	MANAGER...	DEPARTM...

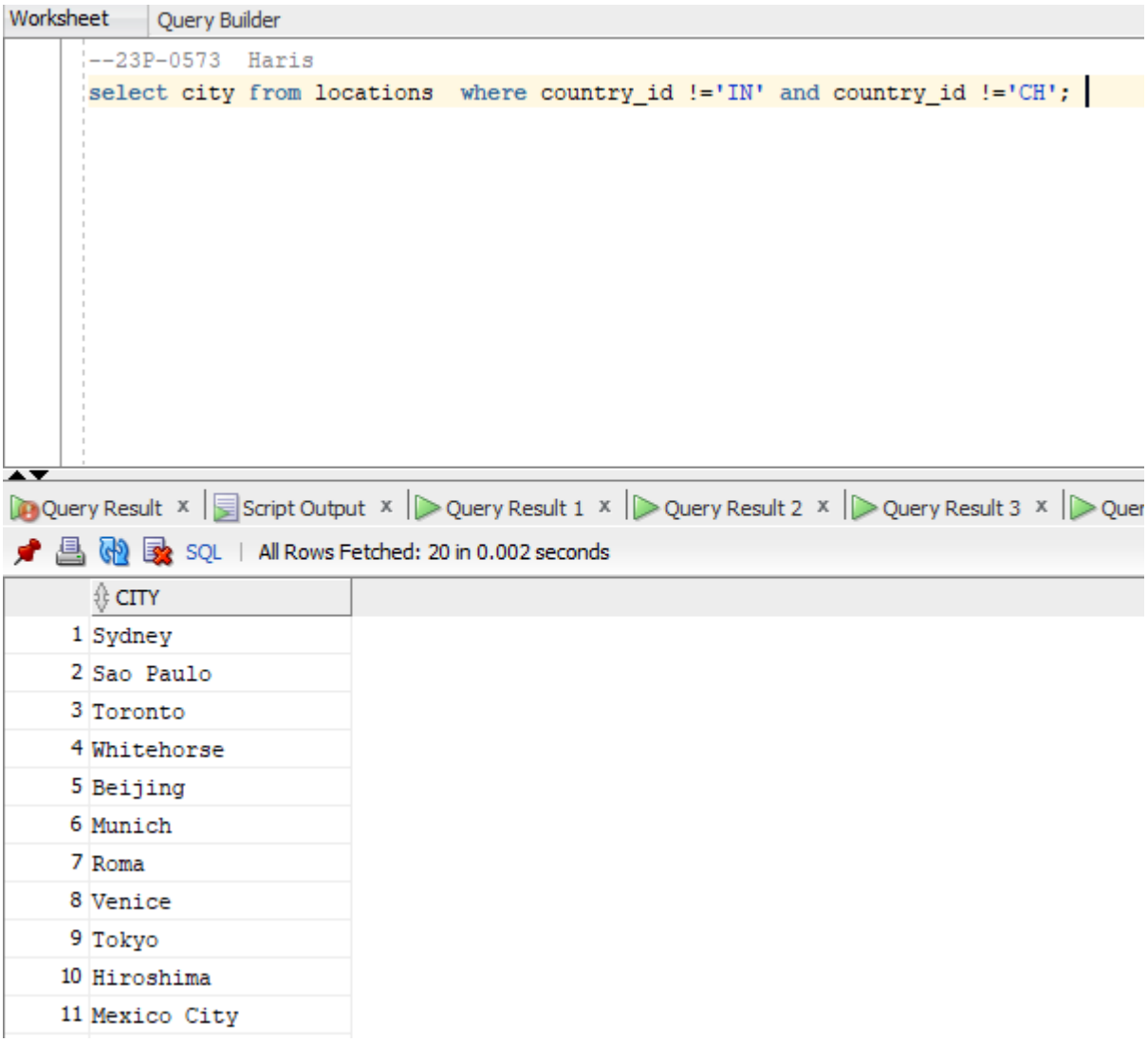
9. Write a query to find the list of cities with country ID ‘IT’ from locations table.

--9 select CITY from LOCATIONS where country_id='IT';



10. Write a query to find the list of city except country ID ‘IN’ and ‘CH’ from locations table.

--10 select city from locations where country_id !='IN' and country_id !='CH';



11. Write a query to find the list of jobs whose min salary is greater than 8000 and less than

15,000 from job table.

--11 select job_id frOm JOBS where min_salary>8000 and min_salary<15000 ;

```
--23P-0573  Haris
select job_id  frOm JOBS  where min_salary>8000  and min_salary<15000 ;
```

Query Result | Script Output | Query Result 1 | Query Result 2 | Query Result 3 | Query Result 4

SQL | All Rows Fetched: 4 in 0.001 seconds

	JOB_ID
1	FI_MGR
2	AC_MGR
3	SA_MAN
4	MK_MAN

12. Write a query to find list of phone with DEPARTMENT_ID ‘90’ but not with job_id ‘IT_PROG’ from Employees table.

--12 select phone_number from employees where department_id=90 and job_id !='IT_prog';

```
--23P-0573  Haris
select  phone_number  from employees  where  department_id=90   and job_id !='IT_prog';
```

Query Result | Script Output | Query Result 1 | Query Result 2 | Query Result 3 | Query Result 4 | Query Result 5 | Query Result 6

SQL | All Rows Fetched: 3 in 0.002 seconds

	PHONE_NUMBER
1	515.123.4567
2	515.123.4568
3	515.123.4569

13. Write a query to find the list of employees who are hired after '12-Dec-07' from employee table.

--13 select *from employees where hire_date >'12-DEC-07';

```
--23P-0573  Haris
select *from employees  where hire_date >'12-DEC-07';
```

Query Result | Script Output | Query Result 1 | Query Result 2 | Query Result 3 | Query Result 4 | Query Result 5 | Query Result 6

SQL | All Rows Fetched: 12 in 0.001 seconds

	EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
1	128	Steven	Markle	SMARKLE	650.124.1434	08-MAR-08	ST_CLERK	2200	(null)	120	50
2	136	Hazel	Philtanker	HPHILTAN	650.127.1634	06-FEB-08	ST_CLERK	2200	(null)	122	50
3	149	Eleni	Zlotkey	EZLOTKEY	011.44.1344.429018	29-JAN-08	SA_MAN	10500	0.2	100	80
4	164	Mattea	Marvins	MMARVINS	011.44.1346.329268	24-JAN-08	SA_REP	7200	0.1	147	80
5	165	David	Lee	DLEE	011.44.1346.529268	23-FEB-08	SA_REP	6800	0.1	147	80
6	166	Sundar	Ande	SANDE	011.44.1346.629268	24-MAR-08	SA_REP	6400	0.1	147	80
7	167	Amit	Banda	ABANDA	011.44.1346.729268	21-APR-08	SA_REP	6200	0.1	147	80
8	173	Sundita	Kumar	SKUMAR	011.44.1343.329268	21-APR-08	SA_REP	6100	0.1	148	80
9	179	Charles	Johnson	CJOHNSON	011.44.1644.429262	04-JAN-08	SA_REP	6200	0.1	149	80
10	183	Girard	Geoni	GGEONI	650.507.9879	03-FEB-08	SH_CLERK	2800	(null)	120	50
11	191	Randall	Perkins	RPERKINS	650.505.4876	19-DEC-07	SH_CLERK	2500	(null)	122	50

14. Write a query to find the list of employees who are hired after '12-Dec-07' in Department with DEPARTMENT_ID=100 from employee table.

--14 select *from employees where hire_date >'12-DEC-07' and department_id= 100;

```
--23P-0573  Haris
select *from employees  where hire_date >'12-DEC-07'  and department_id= 100;
```

Query Result | Script Output | Query Result 1 | Query Result 2 | Query Result 3 | Query Result 4 | Query Result 5 | Query Result 6

SQL | All Rows Fetched: 0 in 0.003 seconds

EMPLOYE...	FIRST_NA...	LAST_NAME	EMAIL	PHONE_N...	HIRE_DATE	JOB_ID	SALARY	COMMISS...	MANAGER...	DEPARTM...

15. Write a query to find the list of employees who are hired after '12-Dec-07' but not in Department with DEPARTMENT_ID=100 from employee table.

--15 select *from employees where hire_date >'12-DEC-07' and department_id != 100;

```
--23P-0573  Haris
select *from employees  where hire_date >'12-DEC-07'  and department_id != 100;
```

Query Result | Script Output | Query Result 1 | Query Result 2 | Query Result 3 | Query Result 4 | Query Result 5 | Query Result 6

SQL | All Rows Fetched: 12 in 0.002 seconds

	EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
1	128	Steven	Markle	SMARKLE	650.124.1434	08-MAR-08	ST_CLERK	2200	(null)	120	50
2	136	Hazel	Philtanker	HPHILTAN	650.127.1634	06-FEB-08	ST_CLERK	2200	(null)	122	50
3	149	Eleni	Zlotkey	EZLOTKEY	011.44.1344.429018	29-JAN-08	SA_MAN	10500	0.2	100	80
4	164	Mattea	Marvins	MMARVINS	011.44.1346.329268	24-JAN-08	SA_REP	7200	0.1	147	80
5	165	David	Lee	DLEE	011.44.1346.529268	23-FEB-08	SA_REP	6800	0.1	147	80
6	166	Sundar	Ande	SANDE	011.44.1346.629268	24-MAR-08	SA_REP	6400	0.1	147	80
7	167	Amit	Banda	ABANDA	011.44.1346.729268	21-APR-08	SA_REP	6200	0.1	147	80

16. Write a query to find the list of employees whose COMMISSION_PCT=0 and they do not belong to DEPARTMENT_ID 90 or 100 from Employees table

--16 select *from employees where COMMISSION_PCT=0 and department_id !=90 and DEPARTMENT_ID !=100 ;

```
--23P-0573  Haris
select *from employees  where COMMISSION_PCT=0 and  department_id !=90  and  DEPARTMENT_ID !=100 ;
```

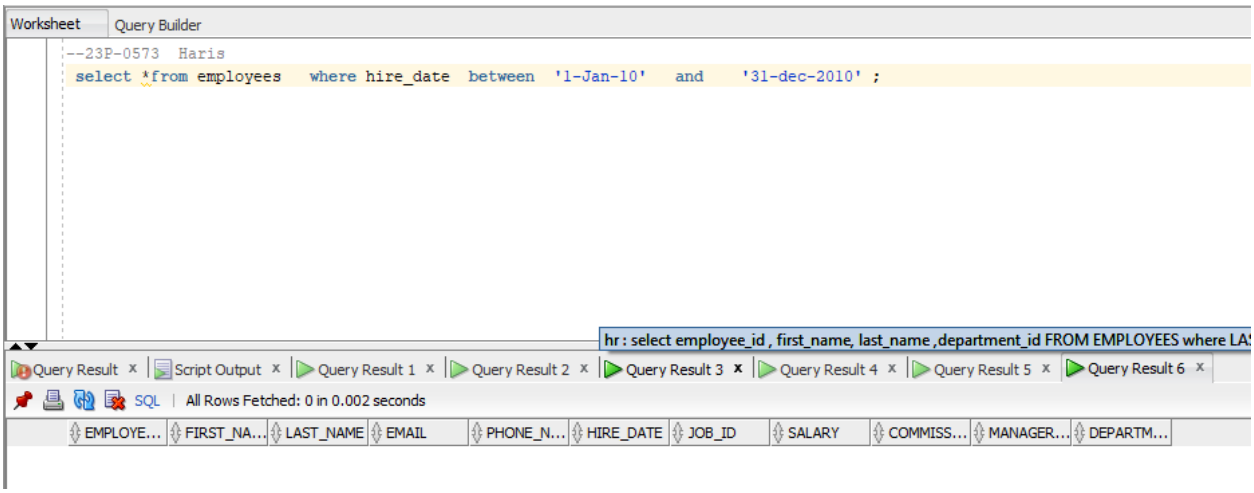
Query Result | Script Output | Query Result 1 | Query Result 2 | Query Result 3 | Query Result 4 | Query Result 5 | Query Result 6

SQL | All Rows Fetched: 0 in 0.002 seconds

EMPLOYE...	FIRST_NA...	LAST_NAME	EMAIL	PHONE_N...	HIRE_DATE	JOB_ID	SALARY	COMMISS...	MANAGER...	DEPARTM...

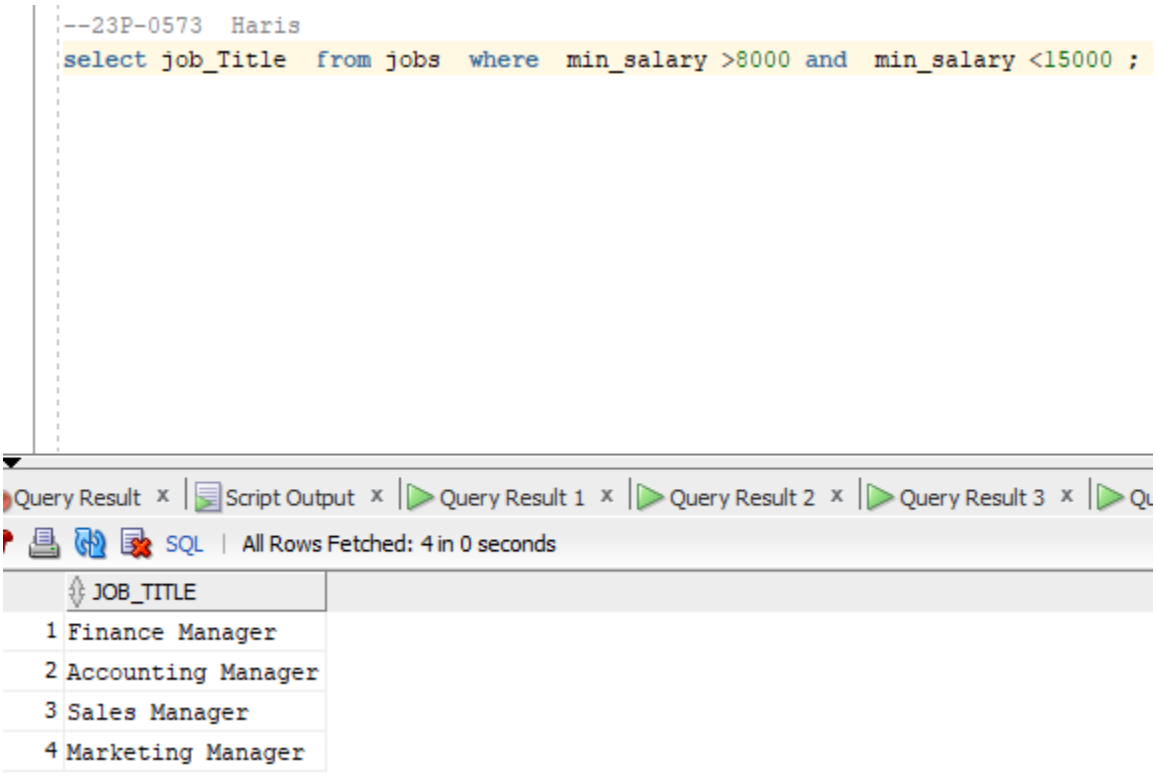
17. Write a query to find the employees who are hired in year 2010 from Employees table.

--17 select *from employees where hire_date between '1-Jan-10' and '31-dec-2010' ;



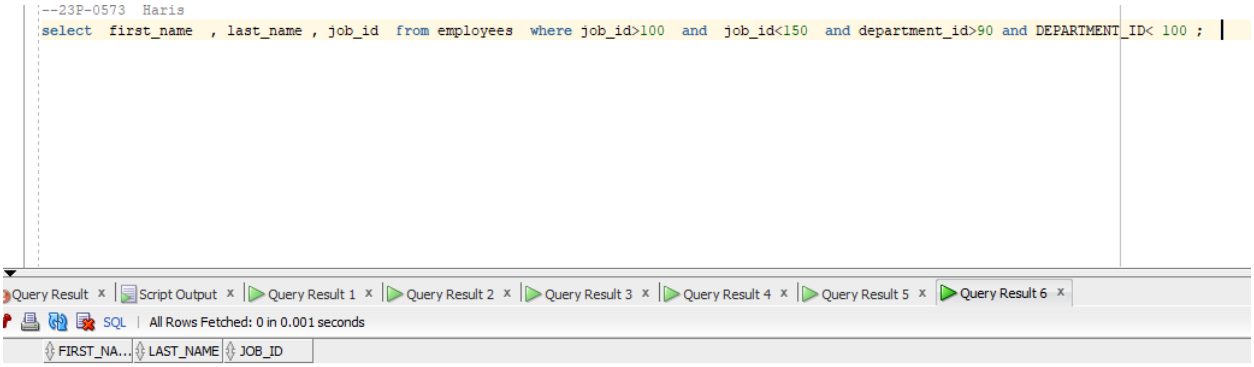
18. Write a query to find the list of jobs whose min salary is greater than 8000 and less than 15,000 from job table.

--18 select job_Title from jobs where min_salary >8000 and min_salary <15000 ;



19. Write a query to find employee whose ID are greater than 100 and less than 150 and their department_id is greater than 90 and less than 100 along with their F_name, Last_name &amp Job ID.

--19 select first_name , last_name , job_id from employees where job_id>100 and job_id<150 and department_id>90 and DEPARTMENT_ID< 100 ;

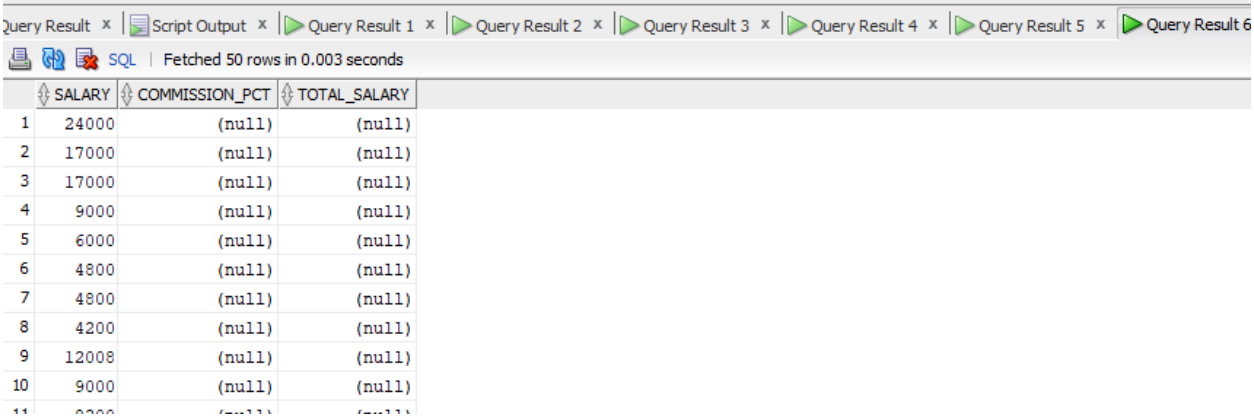


20. Write a query to find total salary along with salary & commission_pct

Total salary formula = commission_pct, salary+(commission_pct*salary)

--20 select salary , COMMISSION_PCT , salary+(salary * commission_pct) as total_salary from employees ;

```
--23P-0573  Haris
select  salary , COMMISSION_PCT   , salary+(salary * commission_pct) as total_salary   from employees  ;
```



	SALARY	COMMISSION_PCT	TOTAL_SALARY
1	24000	(null)	(null)
2	17000	(null)	(null)
3	17000	(null)	(null)
4	9000	(null)	(null)
5	6000	(null)	(null)
6	4800	(null)	(null)
7	4800	(null)	(null)
8	4200	(null)	(null)
9	12008	(null)	(null)
10	9000	(null)	(null)