Name : Haris Roll # 23P-0573

Display any two columns from employees table.

--1 select first_name , last_name from employees;

```
-- 23p-0573
  select  first_name , last_name  from employees;
```

Query Result

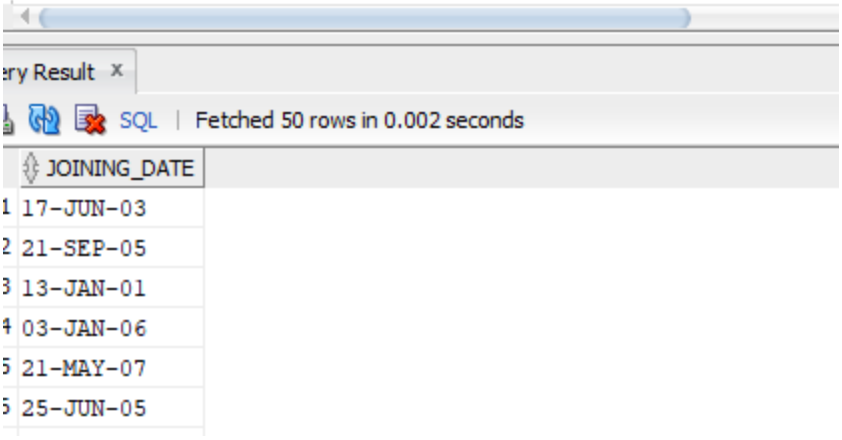
SQL | Fetched 50 rows in 0 seconds

	FIRST_NAME	LAST_NAME
1	Ellen	Abel
2	Sundar	Ande
3	Mozhe	Atkinson
4	David	Austin
5	Hermann	Baer
6	Shelli	Baida

Display Hire_date from employees table, name it as Joining Date.

--2 select hire_date as joining_date from employees;

```
-- 23p-0573
select hire_date  as joining_date  from employees;
```



ery Result

SQL | Fetched 50 rows in 0.002 seconds

	JOINING_DATE
1	17-JUN-03
2	21-SEP-05
3	13-JAN-01
4	03-JAN-06
5	21-MAY-07
5	25-JUN-05

Task:Display the first_name, last_name of Employees together in one column named “FULL NAME”

--3 select first_name ||' ' || last_name as FULL_name from employees;

```
-- 23p-0573
select first_name ||' ' || last_name as FULL_name from employees;
```

Query Result

SQL | Fetched 50 rows in 0 seconds

	FULL_NAME
1	Ellen Abel
2	Sundar Ande
3	Mozhe Atkinson

List all Employees having annual salary greater 20, 000 and lesser than 30,000.

--4 select * from employees where salary between 20000 and 30000 ;

```
-- 23p-0573
select * from employees where salary between 20000 and 30000 ;
```

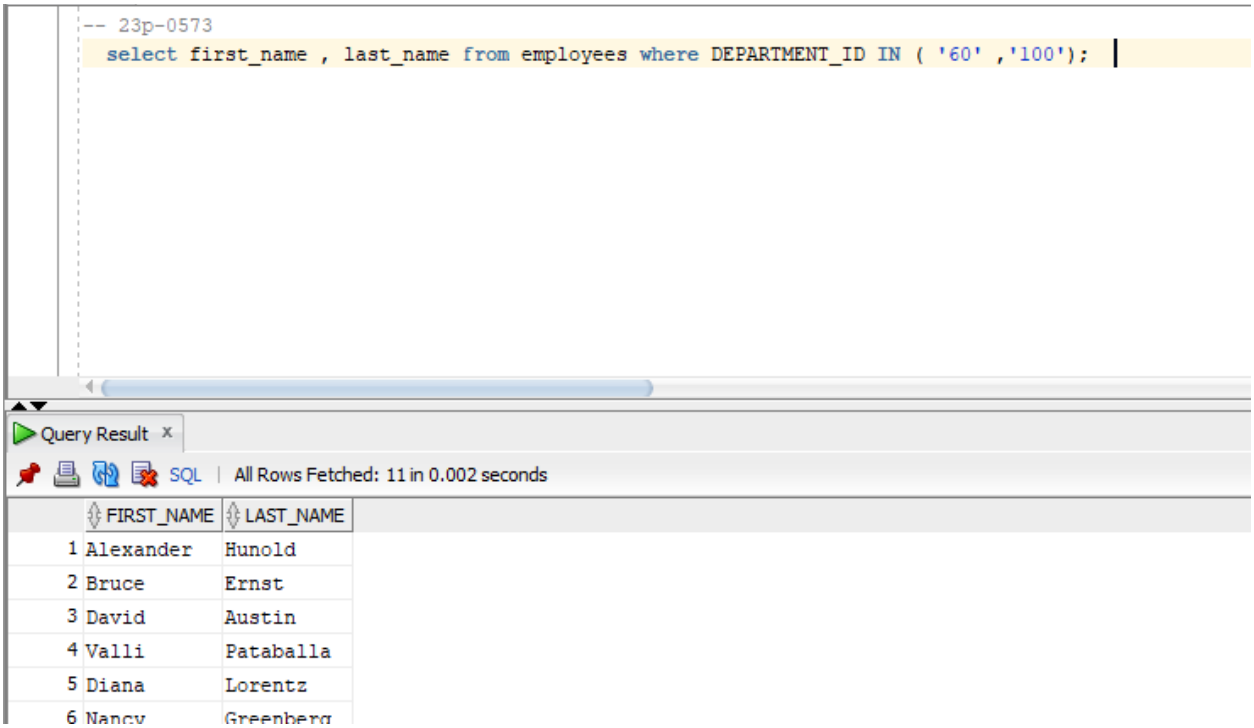
Query Result

SQL | All Rows Fetched: 1 in 0.003 seconds

	EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER
1	100	Steven	King	SKING	515.123.4567	17-JUN-03	AD_PRES	24000	(null)	(nu

List employee_id and first_name of employees from department # 60 to department #100.

--5 select first_name , last_name from employees where DEPARTMENT_ID IN ('60' ,'100');



List all the employees with no commission.

--6 select *from EMPLOYEES where COMMISSION_PCT is null;

```
-- 23p-0573
select *from EMPLOYEES where COMMISSION_PCT is null;
```

Query Result

SQL | Fetched 50 rows in 0.004 seconds

	EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	M
1	100	Steven	King	SKING	515.123.4567	17-JUN-03	AD_PRES	24000	(null)	
2	101	Neena	Kochhar	NKOCHHAR	515.123.4568	21-SEP-05	AD_VP	17000	(null)	
3	102	Lex	De Haan	LDEHAAN	515.123.4569	13-JAN-01	AD_VP	17000	(null)	
4	103	Alexander	Hunold	AHUNOLD	590.423.4567	03-JAN-06	IT_PROG	9000	(null)	
5	104	Bruce	Ernst	BERNST	590.423.4568	21-MAY-07	IT_PROG	6000	(null)	
6	105	David	Austin	DAUSTIN	590.423.4569	25-JUN-05	IT_PROG	4800	(null)	

List all employees in order of their decreasing salaries.

--7 select *from employees order by salary desc;

```
-- 23p-0573
select *from employees order by salary desc;
```

Query Result

SQL | Fetched 50 rows in 0.005 seconds

	EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_
1	100	Steven	King	SKING	515.123.4567	17-JUN-03	AD_PRES	24000	(nu
2	101	Neena	Kochhar	NKOCHHAR	515.123.4568	21-SEP-05	AD_VP	17000	(nu
3	102	Lex	De Haan	LDEHAAN	515.123.4569	13-JAN-01	AD_VP	17000	(nu
4	145	John	Russell	JRUSSEL	011.44.1344.429268	01-OCT-04	SA_MAN	14000	
5	146	Karen	Partners	KPARTNER	011.44.1344.467268	05-JAN-05	SA_MAN	13500	
6	201	Michael	Hartstein	MHARTSTE	515.123.5555	17-FEB-04	MK_MAN	13000	(nu
7	108	Nancy	Greenberg	NGREENBE	515.124.4569	17-AUG-02	FI_MGR	12008	(nu
8	205	Shelley	Higgins	SHIGGINS	515.123.8080	07-JUN-02	AC_MGR	12008	(nu

Print an employee name (first letter capital) and job_id(lower Case)

--8 select upper(first_name) , lower(last_name) from employees;

```
-- 23p-0573
select upper(first_name) , lower(last_name) from employees;
```

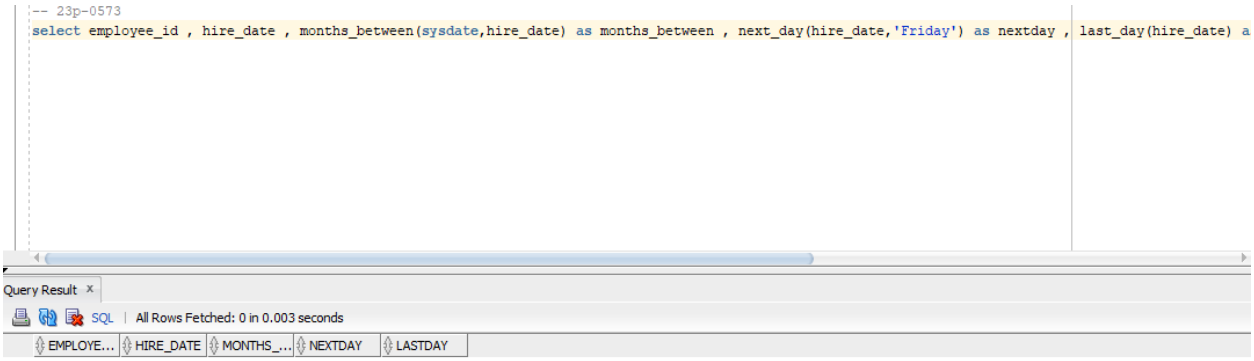
Query Result

SQL | Fetched 50 rows in 0.002 seconds

	UPPER(FIRST_NAME)	LOWER(LAST_NAME)
1	ELLEN	abel
2	SUNDAR	ande
3	MOZHE	atkinson
4	DAVID	austin

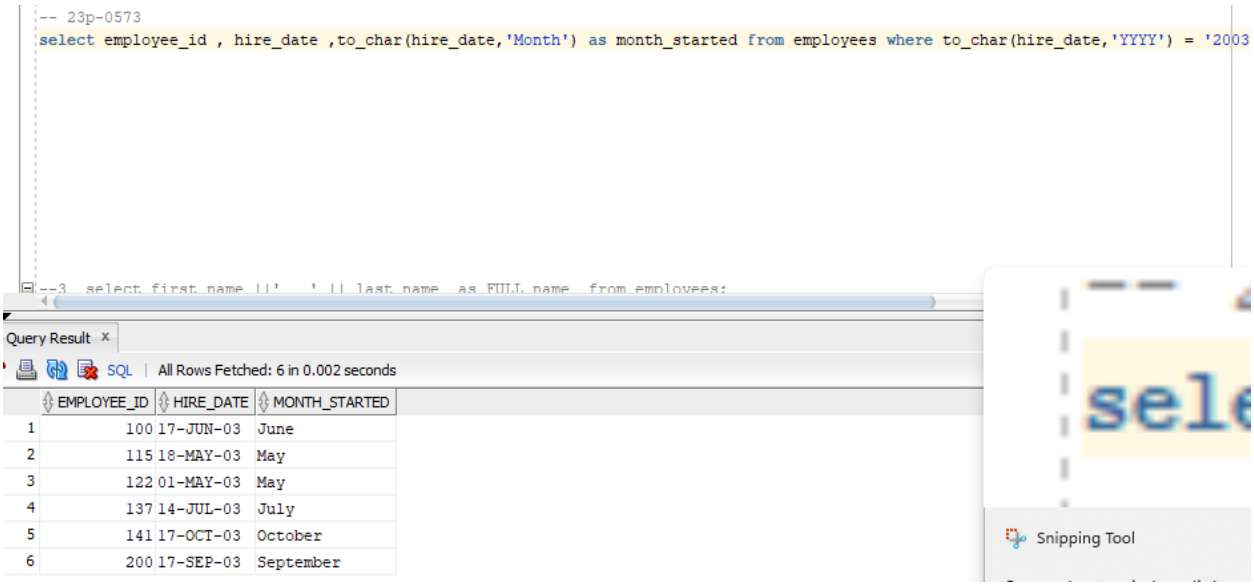
For all employees employed for more than 100 months, display the employee number, hire date, number of months employed, first Friday after hire date and last day of the month hired

--9 select employee_id , hire_date , months_between(sysdate,hire_date) as months_between , next_day(hire_date,'Friday') as nextday , last_day(hire_date) as lastday from EMPLOYEES where months_between(sysdate,hire_date) > 1000;



Comparing the hire dates for all employees who started in 2003, display the employee number, hire date, and month started using the conversion and date functions.

--10 select employee_id , hire_date ,to_char(hire_date,'Month') as month_started from employees where to_char(hire_date,'YYYY') = '2003';



Find the next ‘Monday’ considering today’s date as date.

--11 select next_day(sysdate, 'Monday') as nextday from dual ;

```
-- 23p-0573
select next_day(sysdate, 'Monday') as nextday from dual ;
```

```
--3  select first_name ||'   ' || last_name  as FULL_name  from employee
--4  select   * from employees   where salary between 20000  and  30000
```

ery Result

SQL | All Rows Fetched: 1 in 0.001 seconds

	NEXTDAY
1	03-FEB-25

List all Employees who have an ‘A’ in their last names.

--12 select *from employees where last_name like ('%A');

```
-- 23p-0573
select *from employees where last_name like ('%A');
```

```
--3  select first_name ||'   ' || last_name  as FULL_name  from employees;
--4  select   * from employees   where salary between 20000  and  30000 ;
```

ery Result

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...

Show all employees’ last three letters of first name.

--13 SELECT first_name, SUBSTR(first_name, LENGTH(first_name) - 2, 3) AS substr_function FROM employees;

```
-- 23p-0573
SELECT first_name, SUBSTR(first_name, LENGTH(first_name) - 2, 3) AS substr_function FROM employees;
```

```
--3  select first_name ||'   ' || last_name  as FULL_name  from employees;
--4  select   * from employees   where salary between 20000  and   30000 ;
```

uery Result

SQL | Fetched 50 rows in 0.003 seconds

	FIRST_NAME	SUBSTR_FUNCTION
1	Ellen	len
2	Sundar	dar
3	Mozhe	zhe
4	David	vid
5	Hermann	ann
6	Shelli	lli