

```

1. SELECT first_name, last_name
   FROM employees
   WHERE salary > ANY (
       SELECT salary
       FROM employees
       WHERE department_id = 80
   );





```

```

SELECT FIRST_NAME, LAST_NAME
FROM Employees
WHERE SALARY > ANY (
    SELECT SALARY
    FROM Employees
    WHERE DEPARTMENT_ID = 80
);

```

Script Output x Query Result x

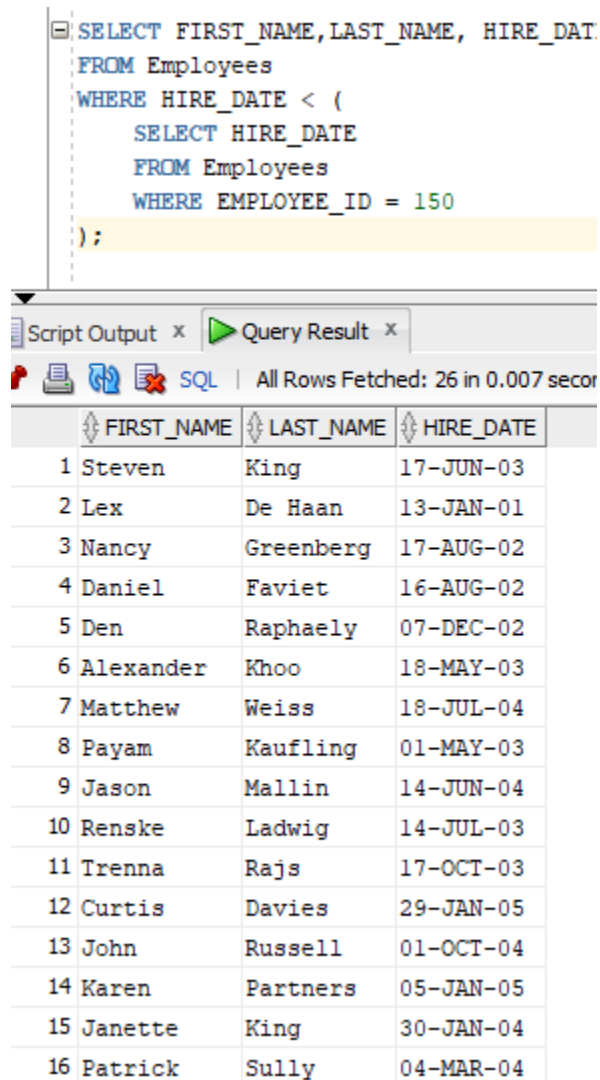
 SQL | Fetched 50 rows in 0.01 seconds

	FIRST_NAME	LAST_NAME
1	Steven	King
2	Neena	Kochhar
3	Lex	De Haan
4	John	Russell
5	Karen	Partners
6	Michael	Hartstein
7	Nancy	Greenberg
8	Shelley	Higgins
9	Alberto	Errazuriz
10	Lisa	Ozer
11	Den	Raphaely
12	Gerald	Cambrault
13	Ellen	Abel
14	Eleni	Zlotkey
15	Clara	Vishney
16	Janette	King

```

2. SELECT FIRST_NAME, LAST_NAME, HIRE_DATE
   FROM Employees
   WHERE HIRE_DATE < (
       SELECT HIRE_DATE
       FROM Employees
       WHERE EMPLOYEE_ID = 150
   );

```



```

SELECT FIRST_NAME, LAST_NAME, HIRE_DATE
FROM Employees
WHERE HIRE_DATE < (
    SELECT HIRE_DATE
    FROM Employees
    WHERE EMPLOYEE_ID = 150
);

```

Script Output x Query Result x

SQL | All Rows Fetched: 26 in 0.007 seconds

	FIRST_NAME	LAST_NAME	HIRE_DATE
1	Steven	King	17-JUN-03
2	Lex	De Haan	13-JAN-01
3	Nancy	Greenberg	17-AUG-02
4	Daniel	Faviet	16-AUG-02
5	Den	Raphaely	07-DEC-02
6	Alexander	Khoo	18-MAY-03
7	Matthew	Weiss	18-JUL-04
8	Payam	Kaufling	01-MAY-03
9	Jason	Mallin	14-JUN-04
10	Renske	Ladwig	14-JUL-03
11	Trenna	Rajs	17-OCT-03
12	Curtis	Davies	29-JAN-05
13	John	Russell	01-OCT-04
14	Karen	Partners	05-JAN-05
15	Janette	King	30-JAN-04
16	Patrick	Sully	04-MAR-04

```

3. SELECT job_id
   FROM employees
  WHERE salary = (
        SELECT MAX(salary)
        FROM employees
      );

```

Script Output x Query Result x

SQL | All Rows Fetched: 1 in 0.0

	JOB_ID
1	AD_PRES

```

4. SELECT *
   FROM employees
  WHERE department_id = (
        SELECT department_id
        FROM employees
        WHERE first_name = 'Neena'
      );

```

Script Output x Query Result x

SQL | All Rows Fetched: 3 in 0.008 seconds

	EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
1	100	Steven	King	SKING	515.123.4567	17-JUN-03	AD_PRES	24000	(null)	(null)	90
2	101	Neena	Kochhar	NKOCHHAR	515.123.4568	21-SEP-05	AD_VP	17000	(null)	100	90
3	102	Lex	De Haan	LDEHAAN	515.123.4569	13-JAN-01	AD_VP	17000	(null)	100	90

```

5. SELECT d.DEPARTMENT_NAME
   FROM Employees e
  JOIN Departments d ON e.DEPARTMENT_ID = d.DEPARTMENT_ID
 WHERE e.SALARY = (
       SELECT MAX(SALARY)
       FROM Employees
     );

```

Query Result x

SQL | All Rows Fetched: 1 in 0.005 seconds

DEPARTMENT_NAME
1 Executive

```

6. SELECT FIRST_NAME, LAST_NAME, SALARY
   FROM Employees e1
  WHERE SALARY >
       (SELECT AVG(SALARY)
        FROM Employees e2
       WHERE e1.DEPARTMENT_ID = e2.DEPARTMENT_ID);

```

Query Result x

SQL | All Rows Fetched: 38 in 0.017 seconds

	FIRST_NAME	LAST_NAME	SALARY
1	Steven	King	24000
2	Alexander	Hunold	9000
3	Bruce	Ernst	6000
4	Nancy	Greenberg	12008
5	Daniel	Faviet	9000
6	Den	Raphaely	11000
7	Matthew	Weiss	8000
8	Adam	Fripp	8200
9	Payam	Kaufling	7900
10	Shanta	Vollman	6500
11	Kevin	Mourges	5800

```

7. SELECT FIRST_NAME, LAST_NAME, DEPARTMENT_ID
FROM Employees
WHERE DEPARTMENT_ID = (
    SELECT DEPARTMENT_ID
FROM Employees
WHERE SALARY = (
    SELECT MIN(SALARY)
FROM Employees
)
);

```

```

SELECT FIRST_NAME, LAST_NAME, DEPARTMENT_ID
FROM Employees
WHERE DEPARTMENT_ID = (
    SELECT DEPARTMENT_ID
FROM Employees
WHERE SALARY = (
    SELECT MIN(SALARY)
FROM Employees
)
);

```

Query Result x			
SQL   All Rows Fetched: 45 in 0.009 seconds			
	FIRST_NAME	LAST_NAME	DEPARTMENT_ID
1	Matthew	Weiss	50
2	Adam	Fripp	50
3	Payam	Kaufling	50
4	Shanta	Vollman	50
5	Kevin	Mourgos	50
6	Julia	Nayer	50
7	Irene	Mikkilineni	50
8	James	Landry	50
9	Steven	Markle	50
10	Laura	Bissot	50
11	Mozhe	Atkinson	50
12	James	Marlow	50
13	TJ	Olson	50
14	Jason	Mallin	50
15	Michael	Rogers	50
16	Ki	Gee	50
17	Hazel	Philtanker	50

```

8. SELECT FIRST_NAME, LAST_NAME
   FROM Employees
   WHERE SALARY < (
       SELECT SALARY
       FROM Employees
       WHERE FIRST_NAME = 'Lex'
         AND LAST_NAME = 'De Haan'
   );

```

```

SELECT FIRST_NAME, LAST_NAME
FROM Employees
WHERE SALARY < (
    SELECT SALARY
    FROM Employees
    WHERE FIRST_NAME = 'Lex'
      AND LAST_NAME = 'De Haan'
);

```

Query Result x		
SQL   Fetched 50 rows in 0.009 seconds		
	FIRST_NAME	LAST_NAME
1	Alexander	Hunold
2	Bruce	Ernst
3	David	Austin
4	Valli	Pataballa
5	Diana	Lorentz
6	Nancy	Greenberg
7	Daniel	Faviet
8	John	Chen
9	Ismael	Sciarra
10	Jose Manuel	Urman
11	Luis	Popp
12	Den	Raphaely
13	Alexander	Khoo
14	Shelli	Baida
15	Sigal	Tobias
16	Guy	Himuro
17	Karen	Colmenares

```

9. SELECT d.department_name, d.manager_id
FROM departments d
JOIN employees e ON d.manager_id = e.employee_id
WHERE e.salary = (
    SELECT MIN(salary)
    FROM employees
    WHERE employee_id IN (
        SELECT manager_id
        FROM departments
        WHERE manager_id IS NOT NULL
    )
);

```

```

SELECT d.department_name, d.manager_id
FROM departments d
JOIN employees e ON d.manager_id = e.employee_id
WHERE e.salary = (
    SELECT MIN(salary)
    FROM employees
    WHERE employee_id IN (
        SELECT manager_id
        FROM departments
        WHERE manager_id IS NOT NULL
    )
);

```

Query Result x	
All Rows Fetched: 1 in 0.007 seconds	
DEPARTMENT_NAME	MANAGER_ID
1 Administration	200

```





10. SELECT employee_id, first_name || ' ' || last_name AS name, salary
FROM employees
WHERE salary > (
    SELECT AVG(salary)
    FROM employees
    WHERE hire_date > TO_DATE('01-JAN-2005', 'DD-MON-YYYY')
);

```

```

SELECT employee_id, first_name || ' ' || last_name AS name, salary
FROM employees
WHERE salary > (
    SELECT AVG(salary)
    FROM employees
    WHERE hire_date > TO_DATE('01-JAN-2005', 'DD-MON-YYYY')
);

```

Query Result x			
    SQL   Fetched 50 rows in 0.008 seconds			
	EMPLOYEE_ID	NAME	SALARY
1	100	Steven King	24000
2	101	Neena Kochhar	17000
3	102	Lex De Haan	17000
4	103	Alexander Hunold	9000
5	104	Bruce Ernst	6000
6	108	Nancy Greenberg	12008
7	109	Daniel Faviet	9000
8	110	John Chen	8200
9	111	Ismael Sciarra	7700
10	112	Jose Manuel Urman	7800
11	113	Luis Popp	6900
12	114	Den Raphaely	11000
13	120	Matthew Weiss	8000
14	121	Adam Fripp	8200
15	122	Payam Kaufling	7900
16	123	Shanta Vollman	6500
17	124	Kevin Mourgous	5800
18	145	John Bates	14000