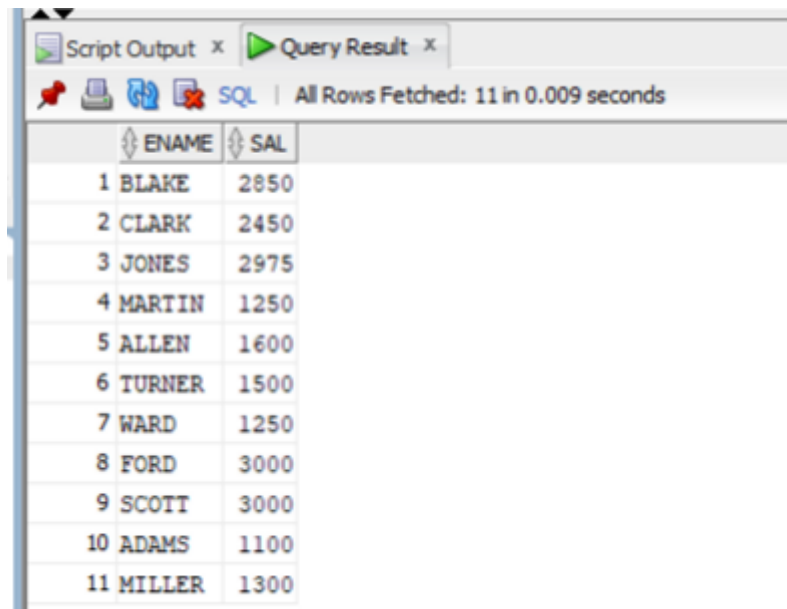


# homework #2

1. 월급이 1000에서 3000 사이인 사원들의 이름과 월급을 출력하세요

ENAME	SAL
BLAKE	2850
CLARK	2450
:	:
ADAMS	1100
MILLER	1300



The screenshot shows a SQL query result window with the title 'Query Result'. It displays a table with two columns: 'ENAME' and 'SAL'. The table contains 11 rows of data, including employees like BLAKE, CLARK, JONES, MARTIN, ALLEN, TURNER, WARD, FORD, SCOTT, ADAMS, and MILLER, along with their respective salaries. The status bar at the top indicates 'All Rows Fetched: 11 in 0.009 seconds'.

ENAME	SAL
1 BLAKE	2850
2 CLARK	2450
3 JONES	2975
4 MARTIN	1250
5 ALLEN	1600
6 TURNER	1500
7 WARD	1250
8 FORD	3000
9 SCOTT	3000
10 ADAMS	1100
11 MILLER	1300

12. 이름의 첫 글자가 S 로 시작하는 사원들의 이름과 월급을 출력하세요

ENAME	SAL
SMITH	800
SCOTT	3000

Script Output x Query Result x

SQL | All Rows Fetched: 2 in 0.006

	ENAME	SAL
1	SMITH	800
2	SCOTT	3000

13. 커미션이 NULL인 직원들의 이름과 커미션을 출력해보세요

ENAME	COMM
KING	
:	:
MILLER	

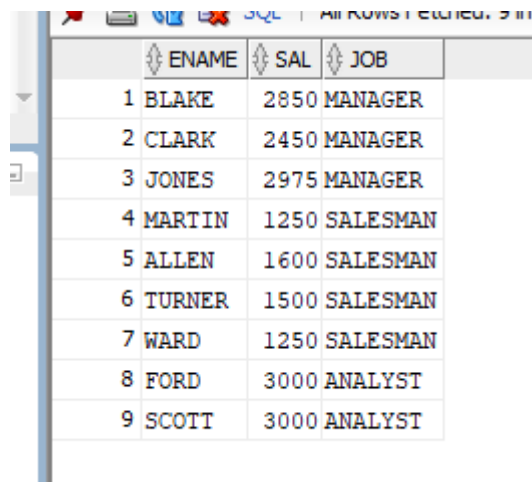
Script Output x Query Result x

SQL | All Rows Fetched: 10 in 0

	ENAME	COMM
1	KING	(null)
2	BLAKE	(null)
3	CLARK	(null)
4	JONES	(null)
5	JAMES	(null)
6	FORD	(null)
7	SMITH	(null)
8	SCOTT	(null)
9	ADAMS	(null)
10	MILLER	(null)

14. 직업이 salesman, analyst, manager 인 사람들만 이름, 월급, 직업을 출력하세요

ENAME	SAL	JOB
BLAKE	2850	MANAGER
CLARK	2450	MANAGER
JONES	2975	MANAGER
MARTIN	1250	SALESMAN
ALLEN	1600	SALESMAN
TURNER	1500	SALESMAN
WARD	1250	SALESMAN
FORD	3000	ANALYST
SCOTT	3000	ANALYST



The screenshot shows a database query result with 9 rows. The columns are ENAME, SAL, and JOB. The data is as follows:

	ENAME	SAL	JOB
1	BLAKE	2850	MANAGER
2	CLARK	2450	MANAGER
3	JONES	2975	MANAGER
4	MARTIN	1250	SALESMAN
5	ALLEN	1600	SALESMAN
6	TURNER	1500	SALESMAN
7	WARD	1250	SALESMAN
8	FORD	3000	ANALYST
9	SCOTT	3000	ANALYST

15. 직업이 salesman 이고 월급이 1200 이상인 직원들의 이름, 월급, 직업을 출력하세요

ENAME	SAL	JOB
MARTIN	1250	SALESMAN
ALLEN	1600	SALESMAN
TURNER	1500	SALESMAN
WARD	1250	SALESMAN

	ENAME	SAL	JOB
1	MARTIN	1250	SALESMAN
2	ALLEN	1600	SALESMAN
3	TURNER	1500	SALESMAN
4	WARD	1250	SALESMAN

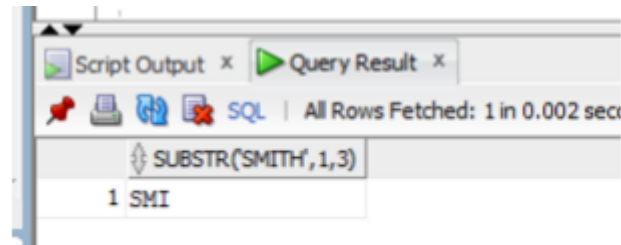
16. 사원 테이블의 이름을 첫번째 컬럼은 이름을 대문자로 출력하고 두번째 컬럼은 이름을 소문자로 출력하고 세번째 컬럼은 이름의 첫 번째 글자만 대문자로 하고 나머지는 소문자로 출력하세요.

UPPER(ENAME)	LOWER(ENAME)	INITCAP(ENAME)
KING	king	King
BLAKE	blake	Blake
:	:	:
ADAMS	adams	Adams
MILLER	miller	Miller

	UPPER(ENAME)	LOWER(ENAME)	INITCAP(ENAME)
1	KING	king	King
2	BLAKE	blake	Blake
3	CLARK	clark	Clark
4	JONES	jones	Jones
5	MARTIN	martin	Martin
6	ALLEN	allen	Allen
7	TURNER	turner	Turner
8	JAMES	james	James
9	WARD	ward	Ward
10	FORD	ford	Ford
11	SMITH	smith	Smith
12	SCOTT	scott	Scott
13	ADAMS	adams	Adams
14	MILLER	miller	Miller

17. 영어 단어 SMITH 에서 SMI만 잘라서 출력하세요

SMI
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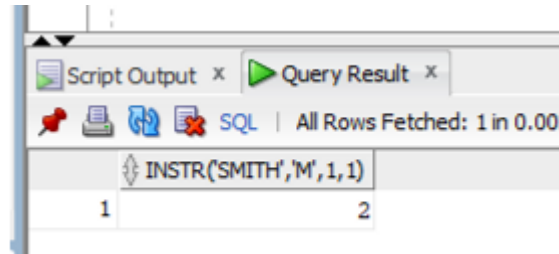
18. 직원들의 이름을 출력하고 옆에는 이름의 철자 개수를 출력하세요

ENAME	LENGTH(ENAME)
KING	4
BLAKE	5
:	:
ADAMS	5
MILLER	6

The screenshot shows the SQL Developer interface. The 'Query Result' tab is active, displaying a list of employee names and their lengths. The query entered in the SQL window is `SELECT ENAME, LENGTH(ENAME) FROM EMP`. The status bar indicates 'All Rows Fetched: 14 in 0.002 sec'.

	ENAME	LENGTH(ENAME)
1	KING	4
2	BLAKE	5
3	CLARK	5
4	JONES	5
5	MARTIN	6
6	ALLEN	5
7	TURNER	6
8	JAMES	5
9	WARD	4
10	FORD	4
11	SMITH	5

19. SMITH에서 M이 몇 번째 자리에 있는지 출력하세요



20. 이름과 월급을 출력하는데 월급은 숫자 0을 \*(별표)로 출력하세요

ENAME	REPLACE(SAL,0,'*')
KING	5***
BLAKE	285*
:	:
ADAMS	11**
MILLER	13**

The screenshot shows a SQL query result window with the following details:

- Query Result x
- SQL | All Rows Fetched: 14 in 0.012 seconds
- Query: `SELECT ENAME, REPLACE(SAL, '0', '*') FROM EMP`
- Results (14 rows):

	ENAME	REPLACE(SAL, '0', '*')
1	KING	5***
2	BLAKE	285*
3	CLARK	245*
4	JONES	2975
5	MARTIN	125*
6	ALLEN	16**
7	TURNER	15**
8	JAMES	95*
9	WARD	125*
10	FORD	3***
11	SMITH	8**
12	SCOTT	3***