

#2

11. 월급이 1000에서 3000 사이인 직원들의 이름과 월급을 출력하세요

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

The screenshot shows a SQL query builder window with the following components:

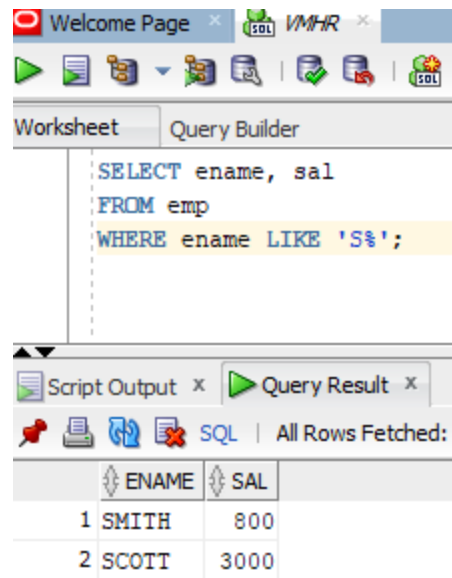
- Worksheet Tab:** Contains the SQL query:


```
SELECT ename, sal
FROM emp
WHERE sal > 1000
AND sal < 5000;
```
- Script Output / Query Result Tab:** Shows the results of the query. The status bar indicates "All Rows Fetched: 11 in".

	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 직원들의 이름과 월급을 출력하세요

ENAME	SAL
SMITH	800
SCOTT	3000



13. 커미션이 NULL인 직원들의 이름과 커미션을 출력해보세요

ENAME	COMM
KING	
:	:
MILLER	

The screenshot shows a SQL query builder window with a 'Query Builder' tab. The query text is: `SELECT ename, comm FROM emp WHERE comm IS NULL;`. Below the query, the 'Query Result' tab is active, displaying a table with 10 rows. The table has two columns: 'ENAME' and 'COMM'. The 'COMM' column contains '(null)' for all rows. The rows are numbered 1 through 10.

	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 SQL development environment with a query editor and a results window. The query editor contains the following SQL statement:

```
SELECT ename, sal, job
FROM emp
WHERE job IN ('MANAGER', 'SALESMAN', 'ANALYST');
```

The results window displays the output of the query, showing 9 rows of data. 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

```
SELECT ename, sal, job
FROM emp
WHERE job IN('SALESMAN')
AND sal >=1200;
```

Script Output x Query Result x

SQL | All Rows Fetched: 4 in

	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

Worksheet Query Builder

```

SELECT
  UPPER(ename),
  LOWER(ename),
  INITCAP(ename)
FROM emp;

```

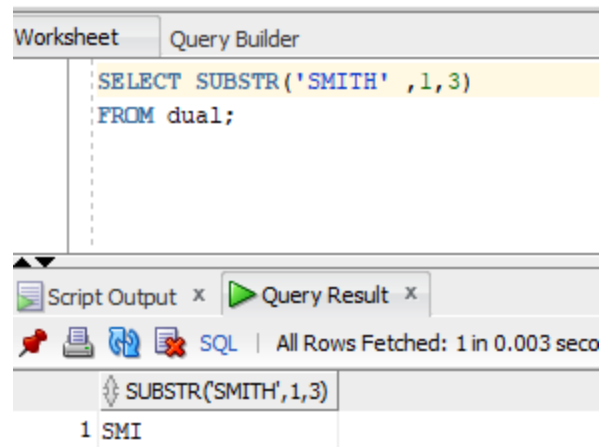
Script Output x Query Result x

SQL | All Rows Fetched: 14 in 0.008 seconds

	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

17. 영어 단어 SMITH 에서 SMI만 잘라서 출력하세요

SMI



18. 직원들의 이름을 출력하고 옆에는 이름의 철자 개수를 출력하세요

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

Worksheet		Query Builder																																	
		<pre>SELECT ename, LENGTH(ename) 철자개수 FROM emp;</pre>																																	
		<div>Script Output x Query Result x</div> <div>SQL All Rows Fetched: 14 in 0.009 seconds</div> <table> <tr> <th></th><th>ENAME</th><th>철자개수</th></tr> <tr><td>1</td><td>KING</td><td>4</td></tr> <tr><td>2</td><td>BLAKE</td><td>5</td></tr> <tr><td>3</td><td>CLARK</td><td>5</td></tr> <tr><td>4</td><td>JONES</td><td>5</td></tr> <tr><td>5</td><td>MARTIN</td><td>6</td></tr> <tr><td>6</td><td>ALLEN</td><td>5</td></tr> <tr><td>7</td><td>TURNER</td><td>6</td></tr> <tr><td>8</td><td>JAMES</td><td>5</td></tr> <tr><td>9</td><td>WARD</td><td>4</td></tr> <tr><td>10</td><td>FORD</td><td>4</td></tr> </table>		ENAME	철자개수	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
	ENAME	철자개수																																	
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																																	

19. SMITH에서 M이 몇 번째 자리에 있는지 출력하세요

2

Worksheet

Query Builder

```
SELECT INSTR('SMITH', 'M', 1, 1) M자리
FROM dual;
```

Script Output x

Query Result x

SQL | All Rows Fetched: 1 in 0.002 seconds

	M자리
1	2

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

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

Worksheet

Query Builder

```
SELECT ename,
REPLACE(sal, 0, '*') 급여
FROM emp;
```

Script Output x

Query Result x

SQL | All Rows Fetched: 14 in 0.01

	ENAME	급여
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***