

ORACLE SQL EXAMPLES/1

1-)

```
SELECT
    e.employee_id,
    e.first_name,
    d.department_name
FROM
    employees e
INNER JOIN
    DEPARTMENTS d ON e.department_id = d.department_id;
```

Query... x			
SQL Fetched 50 rows in 0,007 seconds			
	EMPLOYEE_ID	FIRST_NAME	DEPARTMENT_NAME
1	200	Jennifer	Administration
2	201	Michael	Marketing
3	202	Pat	Marketing
4	114	Den	Purchasing
5	119	Karen	Purchasing
6	115	Alexander	Purchasing
7	116	Shelli	Purchasing
8	117	Sigal	Purchasing
9	118	Guy	Purchasing
10	203	Susan	Human Resources
11	198	Donald	Shipping
12	199	Douglas	Shipping
13	120	Matthew	Shipping

2-)

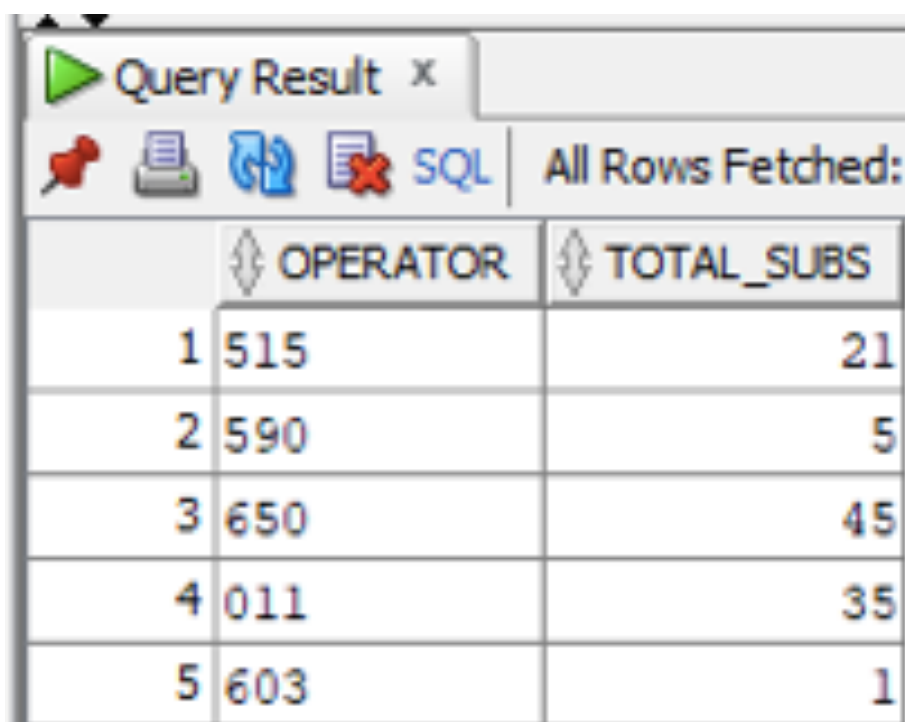
```
SELECT
    e.employee_id AS "Employee ID",
    e.manager_id AS "Manager ID"

FROM
    EMPLOYEES e
INNER JOIN
    EMPLOYEES e ON e.manager_id = e.employee_id;
```

Query Result x		
SQL Fetched 50 rows in 0,		
	EMPLOYEE_ID	MANAGER_ID
1	100	(null)
2	101	100
3	102	100
4	103	102
5	104	103
6	105	103
7	106	103
8	107	103
9	108	101
10	109	108

3.1-)

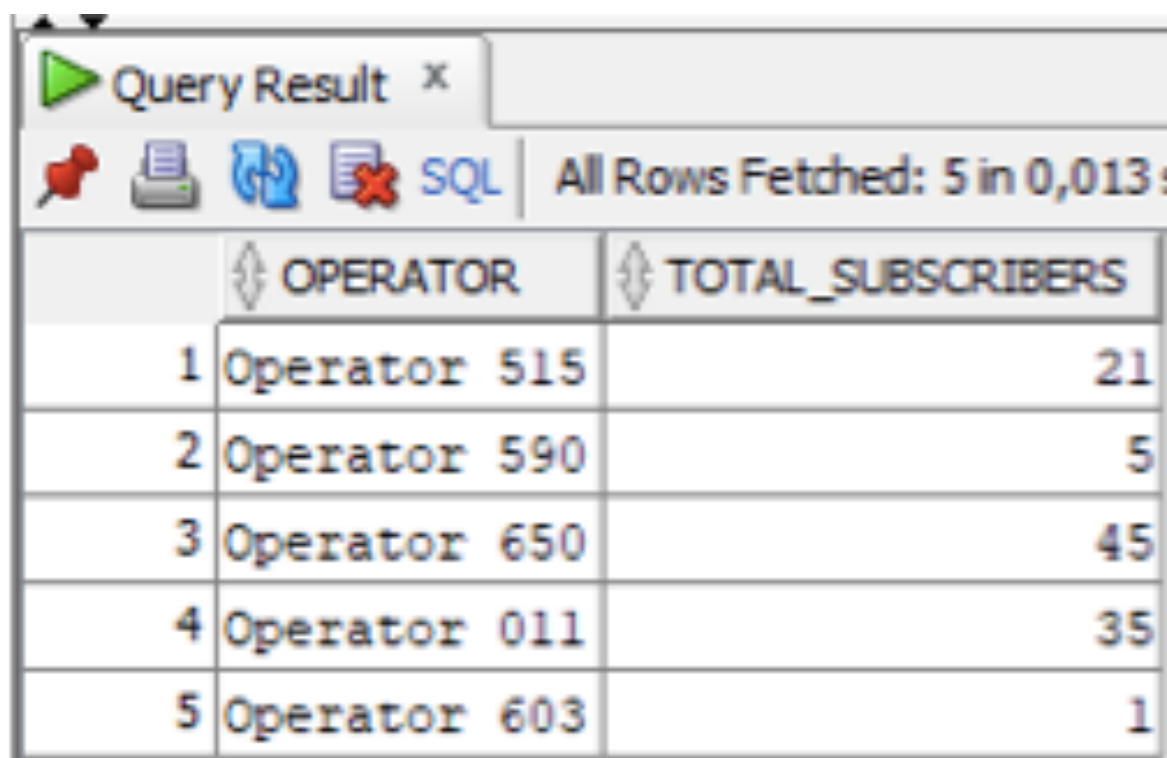
```
SELECT  
SUBSTR(phone_number,1,3) Operator,  
COUNT(*) AS "Total Subscribers"  
  
FROM  
EMPLOYEES  
GROUP BY SUBSTR(phone_number,1,3);
```



	OPERATOR	TOTAL_SUBS
1	515	21
2	590	5
3	650	45
4	011	35
5	603	1

3.2-)

```
SELECT
    CASE
        WHEN SUBSTR(phone_number, 1, 3) = '515' THEN 'Operator 515'
        WHEN SUBSTR(phone_number, 1, 3) = '590' THEN 'Operator 590'
        WHEN SUBSTR(phone_number, 1, 3) = '650' THEN 'Operator 650'
        WHEN SUBSTR(phone_number, 1, 3) = '011' THEN 'Operator 011'
        WHEN SUBSTR(phone_number, 1, 3) = '603' THEN 'Operator 603'
    END AS Operator,
    COUNT (*) AS Total_Subscribers
FROM
    EMPLOYEES
GROUP BY
    CASE
        WHEN SUBSTR(phone_number, 1, 3) = '515' THEN 'Operator 515'
        WHEN SUBSTR(phone_number, 1, 3) = '590' THEN 'Operator 590'
        WHEN SUBSTR(phone_number, 1, 3) = '650' THEN 'Operator 650'
        WHEN SUBSTR(phone_number, 1, 3) = '011' THEN 'Operator 011'
        WHEN SUBSTR(phone_number, 1, 3) = '603' THEN 'Operator 603'
    END;
```



	OPERATOR	TOTAL_SUBSCRIBERS
1	Operator 515	21
2	Operator 590	5
3	Operator 650	45
4	Operator 011	35
5	Operator 603	1

4-)

```
CREATE TABLE EMP AS
SELECT * FROM EMPLOYEES;
INSERT INTO EMP(EMPLOYEE_ID, FIRST_NAME, LAST_NAME, EMAIL, PHONE_NUMBER, HIRE_DATE, JOB_ID, SALARY)
VALUES(250,'Erman', 'İbrisiim', 'erman@ibrisim', '5556783245' );


SELECT * FROM
EMP e
WHERE e.employee_id=250;
```

```
UPDATE EMP e
SET e.phone_number = '5324557898', e.salary = 15000
WHERE e.employee_id=250;
```

```
SELECT * FROM
EMP e
WHERE e.employee_id=250;
```


```
DROP TABLE EMP;
```

Script Output x Query Result x

 All Rows Fetched: 1 in 0,001 seconds

	EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER
1	250	Erman	İbrisiim	erman@ibrisim	5556783245

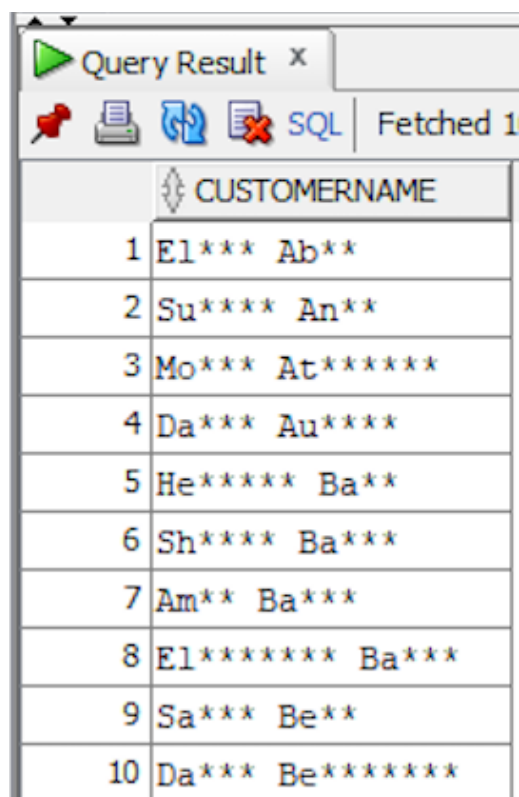
Script Output x Query Result x

 All Rows Fetched: 1 in 0,001 seconds

	EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY
1	250	Erman	İbrisiim	erman@ibrisim	5324557898	09/10/2013	IT_PROG	15000

5-)

```
SELECT  
RPAD(SUBSTR(FIRST_NAME,1,2), LENGTH(FIRST_NAME), '*') || '* * ' || RPAD(SUBSTR(LAST_NAME,1,2), LENGTH(LAST_NAME), '*') AS "CUSTOMER NAME"  
FROM EMPLOYEES;
```



	CUSTOMERNAME
1	El*** Ab**
2	Su***** An**
3	Mo*** At*****
4	Da*** Au*****
5	He***** Ba**
6	Sh***** Ba***
7	Am** Ba***
8	El***** Ba***
9	Sa*** Be**
10	Da*** Be*****

