

i2i Academy

Training Document

Topic	Oracle SQL Language Fundamentals I
Document Name	SQL01-EX-03

Document Difficulty Level						
Beginner	Junior	Senior	Expert			

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Document History

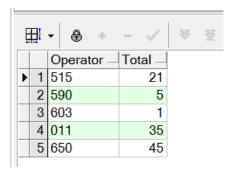
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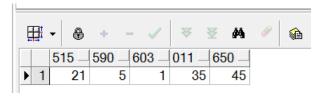
Oracle SQL Language Fundamentals I

Exercise SQL01-EX-03:

Definiton: For example; first three character of PHONE_NUMBER column gives us a operator of employee. Create a report that displays the operators and their total subscriber. But we want two different displays with diffrent queries. (Please use HR.EMPLOYEES table)

Sample Output:





Objectives: To learn basic SQL keywords like COUNT, SUM, CASE.

Solution of SQL01-EX-03:

For solution of example, please send your answer to your supervisor.

Query

```
SELECT SUBSTR(hr.employees.phone_number,1,3)as Operator, COUNT(*) as TOTAL FROM HR.employees
GROUP BY SUBSTR(hr.employees.phone_number,1,3)
```

Result

	♦ OPERATOR	∜ TOTAL	
1	515	21	
2	590	5	
3	603	1	
4	011	35	
5	650	45	

Query

```
PIVOT
(
    COUNT(*) FOR op IN(515,590,603,650,011)
);
```

Result

