



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

UNIVERSITI TEKNOLOGI MALAYSIA

SEMESTER 1, SESSION 2023/2024

LAB 3 – DML 2 PART 4

SECD2523: DATABASE

SECTION 10

NAME: LIEW YONG ZHENG

MATRIC NUMBER: A23CS5008

LECTURER'S NAME: Mrs. ROZILAWATI BINTI DOLLAH

Section 6 Lesson 8 Exercise 2: Sorting Data Using ORDER BY

PART 1: TOP-N-ANALYSIS (S6L8 Objective 3)

1.

```
1 SELECT
2   first_name || ' ' || last_name AS "Customer Name"
3 FROM
4   customers
5 WHERE
6   ROWNUM <= 3;
```

Results Explain Describe Saved SQL History

Customer Name
Brian Rogers
Robert Thornberry
Jennifer Jones

3 rows returned in 0.01 seconds [Download](#)

PART 2: Using a Substitution Variable (S6L8 Objective 4)

1.

SQL query

APEX App Builder SQL Workshop Team Development Gallery

↑ SQL Commands

Language SQL Rows 10 Clear Command Find Tables

```
1 SELECT
2   first_name AS "First Name",
3   last_name AS "Last Name",
4   commission_rate AS "Commission Rate"
5 FROM
6   sales_representatives
7 WHERE
8   commission_rate = :P1_COMMISSION_RATE
9 ORDER BY
10  last_name;
```

Input Window

Enter Bind Variables - Google Chrome

apex.oracle.com/pls/apex/f?p=4500:138:9871106397015::

Submit

Bind Variable	Value
:P1_COMMISSION_RATE	5

Output

```
1 SELECT
2     first_name AS "First Name",
3     last_name AS "Last Name",
4     commission_rate AS "Commission Rate"
5 FROM
6     sales_representatives
7 WHERE
8     commission_rate = :P1_COMMISSION_RATE
9 ORDER BY
10    last_name;
```

Results Explain Describe Saved SQL History

First Name	Last Name	Commission Rate
Barry	Speed	5
Victoria	Wright	5

2 rows returned in 0.00 seconds [Download](#)