



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

SESSION 2023/20204 SEMESTER 1

SECD2523
DATABASE

LAB EXERCISE: SQL DML 1

LECTURER NAME:
DR. ROZILAWATI BINTI DOLLAH

SECTION:
10

NAME:
MUHAMAD HAFIZ BIN MOHD FAUZI

MATRIC NO:
A22EC0196

PART 1:

Number ↑±	Elapsed	Statement	Feedback	Rows
1	0.08	INSERT INTO inventory_list (id, cost, units) VALUES('0101023	1 row(s) inserted.	1
2	0.01	INSERT INTO inventory_list (id, cost, units) VALUES('0101023	1 row(s) inserted.	1
3	0.00	INSERT INTO inventory_list (id, cost, units) VALUES('0101023	1 row(s) inserted.	1
4	0.00	INSERT INTO inventory_list (id, cost, units) VALUES('0101023	1 row(s) inserted.	1
5	0.00	INSERT INTO inventory_list (id, cost, units) VALUES('0101023	1 row(s) inserted.	1
6	0.05	INSERT INTO items (itm_number, name, description, category,	1 row(s) inserted.	1
7	0.00	INSERT INTO items (itm_number, name, description, category,	1 row(s) inserted.	1
8	0.00	INSERT INTO items (itm_number, name, description, category,	1 row(s) inserted.	1
9	0.00	INSERT INTO items (itm_number, name, description, category,	1 row(s) inserted.	1
10	0.00	INSERT INTO items (itm_number, name, description, category,	1 row(s) inserted.	1
11	0.01	INSERT INTO price_history (start_date, start_time, price, it	1 row(s) inserted.	1
12	0.01	INSERT INTO price_history (start_date, start_time, price, en	1 row(s) inserted.	1
13	0.00	INSERT INTO price_history (start_date, start_time, price, en	1 row(s) inserted.	1
14	0.00	INSERT INTO price_history (start_date, start_time, price, it	1 row(s) inserted.	1
15	0.01	INSERT INTO price_history (start_date, start_time, price, it	1 row(s) inserted.	1

Number ↑±	Elapsed	Statement	Feedback	Rows
16	0.00	INSERT INTO price_history (start_date, start_time, price, it	1 row(s) inserted.	1
17	0.00	INSERT INTO price_history (start_date, start_time, price, it	1 row(s) inserted.	1
18	0.04	INSERT INTO sales_representatives (id, email, first_name, la	1 row(s) inserted.	1
19	0.01	INSERT INTO sales_representatives (id, email, first_name, la	1 row(s) inserted.	1
20	0.00	INSERT INTO sales_representatives (id, email, first_name, la	1 row(s) inserted.	1
21	0.01	INSERT INTO sales_rep_addresses (id, address_line_1, address	1 row(s) inserted.	1
22	0.01	INSERT INTO sales_rep_addresses (id, address_line_1, address	1 row(s) inserted.	1
23	0.00	INSERT INTO sales_rep_addresses (id, address_line_1, address	1 row(s) inserted.	1
24	0.03	INSERT INTO teams (id, name, number_of_players, discount) VA	1 row(s) inserted.	1
25	0.00	INSERT INTO teams (id, name, number_of_players, discount) VA	1 row(s) inserted.	1
26	0.01	INSERT INTO teams (id, name, number_of_players, discount) VA	1 row(s) inserted.	1
27	0.04	INSERT INTO customers (ctr_number, email, first_name, last_n	1 row(s) inserted.	1
28	0.01	INSERT INTO customers (ctr_number, email, first_name, last_n	1 row(s) inserted.	1
29	0.00	INSERT INTO customers (ctr_number, email, first_name, last_n	1 row(s) inserted.	1
30	0.00	INSERT INTO customers (ctr_number, email, first_name, last_n	1 row(s) inserted.	1

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Number ↑±	Elapsed	Statement	Feedback	Rows
31	0.01	INSERT INTO customers (ctr_number, email, first_name, last_n	1 row(s) inserted.	1
32	0.01	INSERT INTO customers_addresses (id, address_line_1, address	1 row(s) inserted.	1
33	0.00	INSERT INTO customers_addresses (id, address_line_1, address	1 row(s) inserted.	1
34	0.00	INSERT INTO customers_addresses (id, address_line_1, address	1 row(s) inserted.	1
35	0.00	INSERT INTO customers_addresses (id, address_line_1, address	1 row(s) inserted.	1
36	0.00	INSERT INTO customers_addresses (id, address_line_1, address	1 row(s) inserted.	1
37	0.01	INSERT INTO orders (id, odr_date, odr_time, number_of_units,	1 row(s) inserted.	1
38	0.00	INSERT INTO orders (id, odr_date, odr_time, number_of_units,	1 row(s) inserted.	1
39	0.01	INSERT INTO orders (id, odr_date, odr_time, number_of_units,	1 row(s) inserted.	1
40	0.00	INSERT INTO orders (id, odr_date, odr_time, number_of_units,	1 row(s) inserted.	1
41	0.00	INSERT INTO orders (id, odr_date, odr_time, number_of_units,	1 row(s) inserted.	1
42	0.02	INSERT INTO ordered_items (quantity_ordered, quantity_shippe	1 row(s) inserted.	1
43	0.00	INSERT INTO ordered_items (quantity_ordered, quantity_shippe	1 row(s) inserted.	1
44	0.01	INSERT INTO ordered_items (quantity_ordered, quantity_shippe	1 row(s) inserted.	1
45	0.00	INSERT INTO ordered_items (quantity_ordered, quantity_shippe	1 row(s) inserted.	1

Number ↑±	Elapsed	Statement	Feedback	Rows
46	0.00	INSERT INTO ordered_items (quantity_ordered, quantity_shippe	1 row(s) inserted.	1
47	0.01	INSERT INTO ordered_items (quantity_ordered, quantity_shippe	1 row(s) inserted.	1

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47

Statements Processed

47

Successful

0

With Errors

◀ Previous row(s) 46 - 47 of 47

PART 2:

1.

```
1 INSERT INTO teams (id, name, number_of_players, discount)
2 VALUES ('t004', 'jets', 10, 5);
```

Results	Explain	Describe	Saved SQL	History
1 row(s) inserted.				
0.00 seconds				

2.

```
1 INSERT INTO customers (ctr_number, email, first_name, last_name, phone_number, current_balance, loyalty_card_number)
2 VALUES ('c02001', 'brianrog@hootech.com', 'Brian', 'Rogers', '01654564898', -5, 'lc4587');
```

Results	Explain	Describe	Saved SQL	History
ORA-02290: check constraint (WKSP_SQL2HAFIZ.CHECK_CURR_BALANCE) violated				
0.00 seconds				

3.

```
1 INSERT INTO customers (ctr_number, email, first_name, last_name, phone_number, current_balance, loyalty_card_number)
2 VALUES ('c02001', 'brianrog@hootech.com', 'Brian', 'Rogers', '01654564898', 50, 'lc4587');
```

Results	Explain	Describe	Saved SQL	History
1 row(s) inserted.				
0.01 seconds				