Ref: Date: 9/11/23

LAB EXERCISE 2

SECD2523 - 02

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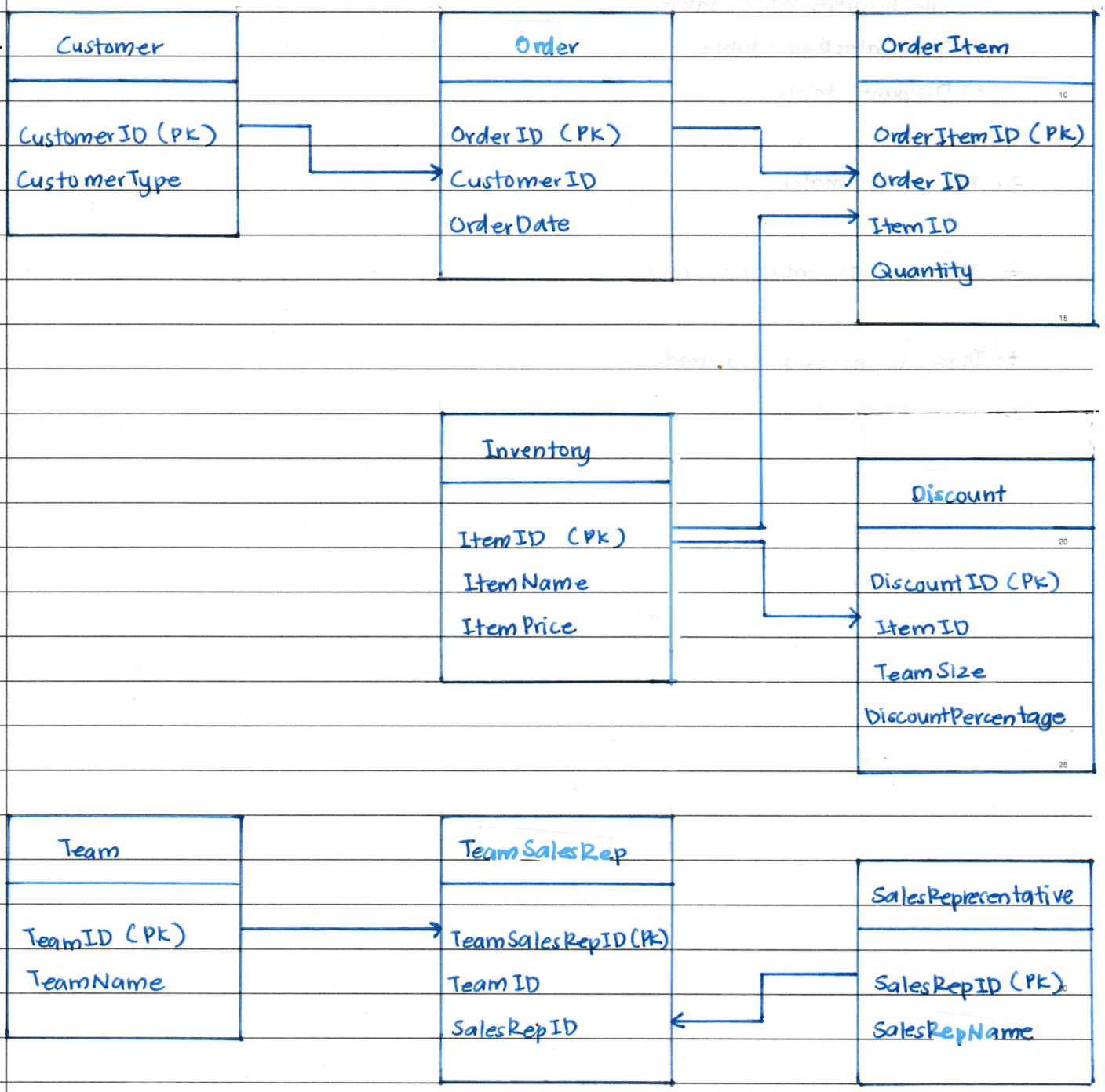
Part 1 : Running a script to populate the tables

1.



Ref: Date:

List the order of the table:

1) Customer table
2) Team table
3) Inventory table
4) Order table
5) OrderItem table
6) SalesRepresentative table
7) TeamSalesRep table
8) Discount table

2. Yes, it is match.

3 - Refer to the output -

4. There is no errors occured.

Ref: Date:

Part 1: Updating rows to the system

1. - Refer to the output -

2. UPDATE price_history
SET end_date = CURRENT_DATE, end_time = CURRENT_TIMESTAMP
WHERE itm_number = 'im01101048' AND end_date IS NULL;

3. - Refer to the output -

4. INSERT INTO price_history (start_date, start_time, price, itm_number)
VALUES (CURRENT_DATE, CURRENT_TIMESTAMP, 99.99, 'im01101048');

5. - Refer to the output -

Part 2: Deleting rows from the system

1. DELETE FROM customers_addresses
WHERE id = 'ca0101';

2. - Refer to the output -

Ref: Date:

Part 2 : Inserting row to the system

1. INSERT INTO teams (id, name, number_of_players, discount)
VALUES ('t004', 'Jets', 10, 5);

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

3. UPDATE customers
SET current_balance = 50
WHERE ctr_number = 'c00001';

UPDATE customers
SET current_balance = 50
WHERE ctr_number = 'c00101';

UPDATE customers
SET current_balance = 50
WHERE ctr_number = 'c01986';

UPDATE customers
SET current_balance = 50
WHER ctr_number = 'c02001';

-output-

Exercise 1

Part 1

3.

```
1  INSERT INTO inventory_list (id, cost, units)
2  VALUES('il010230124', 2.5, 100);
3
4  INSERT INTO inventory_list (id, cost, units)
5  VALUES('il010230125', 7.99, 250);
```

```
1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.
```

Part 2

1.

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

1 row(s) inserted.

```
1 SELECT * FROM teams;
```

ID	NAME	NUMBER_OF_PLAYERS	DISCOUNT
t001	Rockets	25	10
t002	Celtics	42	20
t003	Rovers	8	-
t004	Jets	10	5

Download CSV

4 rows selected.

2.

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

```
1 row(s) inserted.
```

```
SELECT * FROM customers;
```

CTR_NUMBER	EMAIL	FIRST_NAME	LAST_NAME	PHONE_NUMBER	CURRENT_BALANCE	SRE_ID	TEM_ID	LOYALTY_CARD_NUMBER
c02001	brianrog@hootech.com	Brian	Rogers	01654564898	-5	-	-	lc4587
c00001	bob.thornberry@heatmail.com	Robert	Thornberry	01234567898	150	sr01	t001	-
c00012	Jjones@freemail.com	Jennifer	Jones	01505214598	0	-	-	lc1015
c00101	unknown@here.com	John	Doe	03216547808	987.5	sr01	t002	-
c00103	MurciaA@globaltech.com	Andrew	Murcia	07715246890	85	-	-	lc2341
c01986	margal87@delphiview.com	Maria	Galant	01442736589	125.65	sr03	t003	-

3.

START_DATE	TO_CHAR(START_TIME,'HH24:MI:SS')	PRICE	END_DATE	TO_CHAR(END_TIME,'HH24:MI')
17-JUN-17	09:00:00	4.99	-	-
25-NOV-16	09:00:00	14.99	25-JAN-17	17:00
25-JAN-17	17:01:00	8.99	25-JAN-17	19:00
26-JAN-17	09:00:00	15.99	-	-
12-FEB-17	12:30:00	7.99	-	-
25-APR-17	10:10:10	24.99	-	-
31-MAY-17	16:35:30	149	-	-

Exercise 2

Part 1

1.

```
1 UPDATE price_history
2 SET end_date = CURRENT_DATE, end_time = CURRENT_TIMESTAMP
3 WHERE itm_number = 'im01101048' AND end_date IS NULL;
```

```
1 row(s) updated.
```

2. –

3.

```
1 SELECT * FROM price_history;
```

START_DATE	START_TIME	PRICE	END_DATE	END_TIME	ITM_NUMBER
17-JUN-17	17-JUN-16	4.99	-	-	im01101044
25-NOV-16	25-NOV-16	14.99	25-JAN-17	25-JAN-17	im01101045
25-JAN-17	25-JAN-17	8.99	25-JAN-17	25-JAN-17	im01101045
26-JAN-17	26-JAN-17	15.99	-	-	im01101045
12-FEB-17	12-FEB-17	7.99	-	-	im01101046
25-APR-17	25-APR-17	24.99	-	-	im01101047
31-MAY-17	31-MAY-17	149	09-NOV-23	09-NOV-23	im01101048

4. –

5.

START_DATE	START_TIME	PRICE	END_DATE	END_TIME	ITM_NUMBER
09-NOV-23	09-NOV-23	99.99	-	-	im01101048
17-JUN-17	17-JUN-16	4.99	-	-	im01101044
25-NOV-16	25-NOV-16	14.99	25-JAN-17	25-JAN-17	im01101045
25-JAN-17	25-JAN-17	8.99	25-JAN-17	25-JAN-17	im01101045
26-JAN-17	26-JAN-17	15.99	-	-	im01101045
12-FEB-17	12-FEB-17	7.99	-	-	im01101046
25-APR-17	25-APR-17	24.99	-	-	im01101047
31-MAY-17	31-MAY-17	149	09-NOV-23	09-NOV-23	im01101048

Part 2

1.

```
DELETE FROM customers_addresses
WHERE id = 'ca0101';
```

```
1 row(s) deleted.
```

2.

```
SELECT * FROM customers_addresses;
```

ID	ADDRESS_LINE_1	ADDRESS_LINE_2	CITY	ZIP_CODE	CTR_NUMBER
ca0102	17 Gartsquare Road	Starford	Liverpool	LP89JHK	c00001
ca0103	54 Ropehill Crescent	Georgetown	Star	ST45AGV	c00101
ca0104	36 Watercress Lane	-	Jump	JP23YTH	c01986
ca0105	63 Acacia Drive	Skins	Liverpool	LP83JHR	c00001