START OF OUTPUT SECTION

Student ID: 1763652

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Tutor Name: Huan Ngyuen

Tutorial Day: Thursday

Tutorial Time: 7:30pm

Tutorial Room: BA604

Task 1.1

ENGLISH STATEMENTS

Task 1.2

DROP ALL TABLES

OK. 0 rows

OK. 0 rows

OK. 0 rows

OK. 0 rows

OK. 0 rows

OK. 0 rows

OK. 0 rows

OK. 0 rows

Task 1.3

CREATE ALL TABLES

OK. 0 rows

OK. 0 rows

OK. 0 rows

OK. 0 rows

OK. 0 rows

Task 1.4

INSERT CUSTOMER VALID DATA

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

Task 1.5

ATTEMPT TO INSERT CUSTOMER ROWS WITH INVALID VALUES

INSERT INTO CUSTOMER (custid, cfirstname, csurname, cgender, billingaddr) VALUES (8, 'Milton', 'Hastings', 'X', '3 Blue St, Kew')

*

Error at line 1:

ORA-02290: check constraint (S1763652.CHK_CUSTOMER_GENDER) violated

----

Task 1.6

INSERT PRODUCT VALID DATA

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

Task 1.7

ATTEMPT TO INSERT PRODUCT ROWS WITH INVALID VALUES

INSERT INTO PRODUCT (prodid, prodname, currentprice) VALUES (40, 'Cupboard', -99)

*

Error at line 1:

ORA-02290: check constraint (S1763652.CHK_PRODUCT_CURRENTPRICE) violated

INSERT INTO PRODUCT (prodid, prodname, currentprice) VALUES (41, 'Bookcase', 8765)

*

Error at line 1:

ORA-02290: check constraint (S1763652.CHK_PRODUCT_CURRENTPRICE) violated

----

Task 1.8

INSERT SALESPERSON VALID DATA

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

Task 1.9

INSERT SHOP ORDERS VALID DATA

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

Task 1.10

ATTEMPT TO INSERT SHOP ORDERS ROWS WITH INVALID VALUES

INSERT INTO SHOPORDER (ordid, deliveryaddress, custid, spid) VALUES (66, NULL, 5, 29)

*

Error at line 1:

ORA-02291: integrity constraint (S1763652.SYS_C002647690) violated - parent key not found

INSERT INTO SHOPORDER (ordid, deliveryaddress, custid, spid) VALUES (67, NULL, 9, 26)

*

Error at line 1:

ORA-02291: integrity constraint (S1763652.SYS_C002647689) violated - parent key not found

----

Task 1.11

INSERT SHOP ORDER LINES VALID DATA

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

Task 1.12

ATTEMPT TO INSERT ORDER LINES ROWS WITH INVALID VALUES

INSERT INTO ORDERLINE (ordid, prodid, qtysold, qtydelivered, saleprice) VALUES (49, 40, 2, 2, 200)

*

Error at line 1:

ORA-02291: integrity constraint (S1763652.SYS_C002647696) violated - parent key not found

INSERT INTO ORDERLINE (ordid, prodid, qtysold, qtydelivered, saleprice) VALUES (52, 36, 10, 10, 175)

*

Error at line 1:

ORA-02291: integrity constraint (S1763652.SYS_C002647695) violated - parent key not found

----

Query 1.13

LIST ALL ROWS FROM ALL TABLES

CUSTID	CFIRSTNAME	CSURNAME	BILLINGADD	CGENDER
1	Casey	Cartwright	1 High St Kew	F
2	Evan	Chambers	8 Red St Rye	M
3	Calvin	Owens	7 Long Rd Lar	M
4	Frannie	Morgan	9 Down Pde U	F
5	Cappie	Jones	6 Mist St Toor	F

6	Dana	Stockwell	2 Tree St Eppi	F
7	Ash	Howard	4 Elm Ave Elw	F

OK. 7 rows selected.

SPID	SPFIRSTNAM	SPSURNAME	SPGENDER
21	Serena	Van der Wood	F
22	Dan	Humphrey	M
23	Blair	Waldorf	F
24	Chuck	Bass	M
25	Lily	Van der Wood	F
26	Nate	Archibald	M

OK. 6 rows selected.

PRODID	PRODNAME	CURRENTPRICE
31	Lounge Chair	799
32	Study Lamp	150
33	Large Desk	550
34	Hallway Table	1200
35	Kitchen Stool	220
36	Lamp Stand (T	189
37	Zzz King Size	400
38	Bedside Lamp	99
39	Coffe Table	650

OK. 9 rows selected.

ORDID	DELIVERYAD	CUSTID	SPID
41		1	23
42		2	21
43		2	23
44	1 John St Haw	3	26
45	1254 Dunstall	4	22
46		6	21

47	727 Hudson R	4	26	
48		3	26	
49		2	24	
50	517 Franklin S	4	22	
51		1	23	

OK. 11 rows selected.

ORDID	PRODID	QTYSOLD	QTYDELIVER	SALEPRICE
41	31	2	0	750
41	36	1	0	170
42	33	1	1	500
43	35	6	5	220
44	31	1	0	760
44	34	1	0	1100
44	36	1	0	180
45	36	2	2	175
46	37	2	2	380
46	38	2	2	90
47	35	1	0	200
47	36	2	0	175
47	38	1	0	85
47	39	1	0	600
48	34	1	1	1200
49	38	1	1	90
50	31	2	0	750
50	36	1	0	180
51	35	10	10	190

OK. 19 rows selected.

Query 2.1

COUNT ALL SHOPORDERS

TOTAL ORDERS
11

OK. 1 rows selected.

Query 2.2

COUNT ALL SHOPORDERS FOR FEMALES

TOTAL ORDERS
6

OK. 1 rows selected.

Query 2.3

COUNT ALL SHOPORDERS BY GENDER

GENDER	TOTAL ORDERS
F	6
M	5

OK. 2 rows selected.

Query 2.4

LIST ORDER and CUST DATA FOR FEMALES in Cust/Order SEQ

ORDID	CUSTID	CFIRSTNAME	CSURNAME
41	1	Casey	Cartwright
51	1	Casey	Cartwright
45	4	Frannie	Morgan
47	4	Frannie	Morgan
50	4	Frannie	Morgan
46	6	Dana	Stockwell

OK. 6 rows selected.

Query 2.5

LIST ORDER , ORDER LINE and CUST DATA in Cust/Order/Prod SEQ

CUSTID	ORDID	CFIRSTNAME	CSURNAME	PRODID	QTYSOLD
1	41	Casey	Cartwright	31	2
1	41	Casey	Cartwright	36	1
1	51	Casey	Cartwright	35	10
2	42	Evan	Chambers	33	1
2	43	Evan	Chambers	35	6
2	49	Evan	Chambers	38	1
3	44	Calvin	Owens	31	1
3	44	Calvin	Owens	34	1
3	44	Calvin	Owens	36	1
3	48	Calvin	Owens	34	1
4	45	Frannie	Morgan	36	2
4	47	Frannie	Morgan	35	1
4	47	Frannie	Morgan	36	2
4	47	Frannie	Morgan	38	1
4	47	Frannie	Morgan	39	1
4	50	Frannie	Morgan	31	2
4	50	Frannie	Morgan	36	1
6	46	Dana	Stockwell	37	2
6	46	Dana	Stockwell	38	2

OK. 19 rows selected.

Query 3.1

DROP TABLES (DO NOT PLACE STATEMENTS HERE - PUT THEM IN section 1.2).

Query 3.2

CREATE TABLE STATEMENTS.

OK. 0 rows

OK. 0 rows

OK. 0 rows

Query 3.3

INSERT MANAGERS.

OK. 1 rows

OK. 1 rows

OK. 1 rows

Query 3.4

INSERT ALLOCATIONS.

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

Query 3.5

ALLOCATION PK ERRORS

INSERT INTO ALLOCATION (prodid, mgrid) VALUES (35, 102)

*

Error at line 1:

ORA-00001: unique constraint (S1763652.SYS_C002647698) violated

INSERT INTO ALLOCATION (prodid, mgrid) VALUES (36, 101)

*

Error at line 1:

ORA-00001: unique constraint (S1763652.SYS_C002647698) violated

----

Query 3.6

INSERT QUALITY CHECKS

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

Query 3.7

QUALITYCHECK PK ERRORS

INSERT INTO QUALITYCHECK (prodid, mgrid, weekno, score) VALUES (31, 101, 3, 3)

*

Error at line 1:

ORA-00001: unique constraint (S1763652.SYS_C002647702) violated

INSERT INTO QUALITYCHECK (prodid, mgrid, weekno, score) VALUES (32, 102, 1, 1)

*

Error at line 1:

ORA-00001: unique constraint (S1763652.SYS_C002647702) violated

----

Query 3.8

QUALITYCHECK FK ERRORS

INSERT INTO QUALITYCHECK (prodid, mgrid, weekno, score) VALUES (31, 101, 1, 2)
*
Error at line 1:

ORA-00001: unique constraint (S1763652.SYS_C002647702) violated

INSERT INTO QUALITYCHECK (prodid, mgrid, weekno, score) VALUES (34, 101, 1, 3)
*
Error at line 1:

ORA-02291: integrity constraint (S1763652.SYS_C002647703) violated - parent key not found

INSERT INTO QUALITYCHECK (prodid, mgrid, weekno, score) VALUES (36, 103, 2, 2)
*
Error at line 1:

ORA-02291: integrity constraint (S1763652.SYS_C002647703) violated - parent key not found

INSERT INTO QUALITYCHECK (prodid, mgrid, weekno, score) VALUES (31, 102, 3, 3)
*
Error at line 1:

ORA-02291: integrity constraint (S1763652.SYS_C002647703) violated - parent key not found

INSERT INTO QUALITYCHECK (prodid, mgrid, weekno, score) VALUES (32, 101, 1, 1)
*
Error at line 1:

ORA-02291: integrity constraint (S1763652.SYS_C002647703) violated - parent key not found

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Query 3.9

LIST ALL ROWS FROM ALL ADDITIONAL TABLES

MGRID	MSURNAME	MFIRSTNAME
101	Starkie	Bob
102	Strachan	Shirley
103	Macainch	Greg

OK. 3 rows selected.

MGRID	PRODID
101	31
101	36
102	32
102	35
102	37
103	32
103	33
103	34

OK. 8 rows selected.

WEEKNO	SCORE	MGRID	PRODID
1	3	101	31
1	1	102	32
1	2	103	32
1	1	103	33
2	2	101	31
2	2	102	32
2	1	103	32
2	3	103	33
3	3	101	31
3	1	102	32
3	1	103	32
3	3	103	33

OK. 12 rows selected.

Task 4.1

PRICE DIFF QUERY

ORDID	PRODID	PRODNAME	CURRENTPRI	SALEPRICE	Price Difference
47	38	Bedside Lamp	99	85	14

41	36	Lamp Stand (T	189	170	19
51	35	Kitchen Stool	220	190	30

OK. 3 rows selected.

Task 4.2

UNION ROLE QUERY

Surname	First Name	Role
Archibald	Nate	Salesperson
Bass	Chuck	Salesperson
Cartwright	Casey	Customer
Chambers	Evan	Customer
Howard	Ash	Customer
Humphrey	Dan	Salesperson
Jones	Cappie	Customer
Macainch	Greg	Manager
Morgan	Frannie	Customer
Owens	Calvin	Customer
Starkie	Bob	Manager
Stockwell	Dana	Customer
Strachan	Shirley	Manager
Van der Wood	Lily	Salesperson
Van der Wood	Serena	Salesperson
Waldorf	Blair	Salesperson

OK. 16 rows selected.

Task 4.3

UNION ADDRESS QUERY

ORDID	Address
41	1 High St Kew

42	8 Red St Rye				
43	8 Red St Rye				
44	1 John St Hawthorn				
45	1254 Dunstall Rd Coorparoo				
46	2 Tree St Epping				
47	727 Hudson Rd Glenorchy				
48	7 Long Rd Lara				
49	8 Red St Rye				
50	517 Franklin St Dowerin				
51	1 High St Kew				

OK. 11 rows selected.

Task 4.4

ORDERLINE QUERY

CUSTID	ORDID	CFIRSTNAME	CSURNAME	PRODID	PRODNAME
1	41	Casey	Cartwright	31	Lounge Chair
1	41	Casey	Cartwright	36	Lamp Stand (Tall)
1	51	Casey	Cartwright	35	Kitchen Stool
2	42	Evan	Chambers	33	Large Desk
2	43	Evan	Chambers	35	Kitchen Stool
2	49	Evan	Chambers	38	Bedside Lamp
3	44	Calvin	Owens	31	Lounge Chair
3	44	Calvin	Owens	34	Hallway Table
3	44	Calvin	Owens	36	Lamp Stand (Tall)
3	48	Calvin	Owens	34	Hallway Table
4	45	Frannie	Morgan	36	Lamp Stand (Tall)
4	47	Frannie	Morgan	35	Kitchen Stool
4	47	Frannie	Morgan	36	Lamp Stand (Tall)
4	47	Frannie	Morgan	38	Bedside Lamp

4	47	Frannie	Morgan	39	Coffe Table	
4	50	Frannie	Morgan	31	Lounge Chair	
4	50	Frannie	Morgan	36	Lamp Stand (Tall)	
6	46	Dana	Stockwell	37	Zzz King Size Single Bed	
6	46	Dana	Stockwell	38	Bedside Lamp	

OK. 19 rows selected.

Task 4.5

AVG PRICE QUERY

PRODID	PRODNAME	CURRENTPRICE
33	Large Desk	550
39	Coffe Table	650
31	Lounge Chair	799
34	Hallway Table	1200

OK. 4 rows selected.

Query 5.1

LIST SHOPORDERS FOR CUSTOMERS (INCLUDE CUSTOMERS WITHOUT ORDERS)

CUSTID	CSURNAME	ORDID
1	Cartwright	41
1	Cartwright	51
2	Chambers	42
2	Chambers	43
2	Chambers	49
3	Owens	44
3	Owens	48
4	Morgan	45
4	Morgan	47
4	Morgan	50

5	Jones		
6	Stockwell	46	
7	Howard		

OK. 13 rows selected.

Query 5.2

COUNT SHOPORDERS FOR CUSTOMERS

CUSTID	CSURNAME	COUNT(S.CUSTID)
1	Cartwright	2
2	Chambers	3
3	Owens	2
4	Morgan	3
5	Jones	0
6	Stockwell	1
7	Howard	0

OK. 7 rows selected.

Query 5.3

LIST ORDERLINES BY CUSTOMER

CUSTID	ORDID	CFIRSTNAME	CSURNAME	PRODID	QTYSOLD
1	41	Casey	Cartwright	31	2
1	41	Casey	Cartwright	36	1
1	51	Casey	Cartwright	35	10
2	42	Evan	Chambers	33	1
2	43	Evan	Chambers	35	6
2	49	Evan	Chambers	38	1
3	44	Calvin	Owens	31	1
3	44	Calvin	Owens	34	1
3	44	Calvin	Owens	36	1

3	48	Calvin	Owens	34	1
4	45	Frannie	Morgan	36	2
4	47	Frannie	Morgan	35	1
4	47	Frannie	Morgan	36	2
4	47	Frannie	Morgan	38	1
4	47	Frannie	Morgan	39	1
4	50	Frannie	Morgan	31	2
4	50	Frannie	Morgan	36	1
6	46	Dana	Stockwell	37	2
6	46	Dana	Stockwell	38	2

OK. 19 rows selected.

Query 5.4

LIST ORDERLINES BY PRODUCT

PRODID	PRODNAME	Total Sales
33	Large Desk	1
39	Coffe Table	1
34	Hallway Table	2
37	Zzz King Size	2
38	Bedside Lamp	4
31	Lounge Chair	5
36	Lamp Stand (T	7
35	Kitchen Stool	17

OK. 8 rows selected.

Query 5.5

LIST ORDERLINES BY PRODUCT (RANGE 2-10)

PRODID	PRODNAME	Total Sales
34	Hallway Table	2

37	Zzz King Size	2	
38	Bedside Lamp	4	
31	Lounge Chair	5	
36	Lamp Stand (T	7	

OK. 5 rows selected.

Query 5.6

LIST ORDERLINES BY PRODUCT. ONLY LAMPS

PRODID	PRODNAME	Total Sales
34	Hallway Table	2
38	Bedside Lamp	4
36	Lamp Stand (T	7

OK. 3 rows selected.

Query 5.7

AVG SCORE QUERY A

PRODID	PRODNAME	ROUND(AVG(Q.SCORE),2)
33	Large Desk	2.33
31	Lounge Chair	2.67

OK. 2 rows selected.

Query 5.8

AVG SCORE QUERY B

PRODID	PRODNAME	Total Sales
33	Large Desk	1
31	Lounge Chair	5

OK. 2 rows selected.