

Libin Varughese

Project #3

5/15/2021

CIS 3050

Section 06

Spring 2021

## Deliverable #1: Table Creation

### SUPPLIER\_T

SQLQuery1.sql - DE...2GPLMI7\libin (54))\*

```
1 INSERT INTO SUPPLIER_T (SupplierID, SupplierName, SupplierStreet, SupplierCity, SupplierState, SupplierZip)
2 VALUES ('1', 'LA WHOLESALE INC.', '301 HWY 167 N', 'SUNSET', 'LA', '70584'),
3 ('2', 'MEDLINE SUPPLY', '43155 W 9 MILE RD', 'DETROIT', 'MI', '48375'),
4 ('3', 'GE INC.', '265 PIONEER BLVD', 'SPRINGBORO', 'OH', '45066'),
5 ('NULL', NULL, NULL, NULL, NULL, NULL);
6
```

100 %

Messages

(4 rows affected)

Completion time: 2021-05-04T19:45:54.7000557-07:00

100 %

Query executed successfully.

DESKTOP-2GPLMI7 (15...

## PRODUCT\_T

SQLQuery1.sql - DE...2GPLMI7\libin (54))\*

```
1 INSERT INTO PRODUCT_T (ProductID, ProductDescription, UnitPrice, StockQuantity)
2 VALUES ('1000', 'Power Generator', '$50,000.00', '40'),
3 ('2000', 'Small Sterilizer', '$85,000.00', '45'),
4 ('3000', 'Large Sterilizer', '$120,000.00', '50'),
5 ('4000', 'Hospital Bed', '$70,000.00', '55'),
6 ('5000', 'Security System', '$10,000.00', '60'),
7 ('110', 'Power Inverter', '$5,000.00', '4'),
8 ('120', 'Diesel Engine', '$8,000.00', '2'),
9 ('130', 'Generator Assembly Kit', '$4,000.00', '2'),
10 ('410', 'Bed Frame', '$3,000.00', '2'),
11 ('420', 'Electric Motor', '$50.00', '16'),
12 ('430', 'Control Panel', '$100.00', '4'),
13 ('440', 'Wheel', '$5.00', '16'),
14 ('510', 'Server', '$2,000.00', '2'),
15 ('520', 'Monitor - HD', '$300.00', '8'),
16 ('530', 'Camera Nightvision - 4K', '$500.00', '40'),
17 ('540', 'Camera Cable (in Feet)', '$1.00', '600');
18
```

100 %

Messages

(16 rows affected)

Completion time: 2021-05-04T19:47:07.1154660-07:00

100 %

✓ Query executed successfully.

## PRODUCT\_SUPPLIER\_T

SQLQuery1.sql - DE...2GPLMI7\libin (69))\*

```
1  INSERT INTO PRODUCT_SUPPLIER_T (ProductID, SupplierID, VendorPartID, ProductCost, PurchasedQuantity)
2  VALUES ('1000', '3', 'PWR01', '$25,000.00', '10'),
3  ('2000', '1', 'ST001', '$50,000.00', '30'),
4  ('3000', '1', 'ST002', '$70,000.00', '10'),
5  ('4000', '2', 'BD01', '$40,000.00', '20'),
6  ('5000', 'NULL', NULL, NULL, NULL),
7  ('110', 'NULL', NULL, NULL, NULL),
8  ('120', 'NULL', NULL, NULL, NULL),
9  ('130', 'NULL', NULL, NULL, NULL),
10 ('410', 'NULL', NULL, NULL, NULL),
11 ('420', 'NULL', NULL, NULL, NULL),
12 ('430', 'NULL', NULL, NULL, NULL),
13 ('440', 'NULL', NULL, NULL, NULL),
14 ('510', 'NULL', NULL, NULL, NULL),
15 ('520', 'NULL', NULL, NULL, NULL),
16 ('530', 'NULL', NULL, NULL, NULL),
17 ('540', 'NULL', NULL, NULL, NULL);
18
```

100 %

Messages

(16 rows affected)

Completion time: 2021-05-13T01:10:44.3738849-07:00

100 %

✓ Query executed successfully.

DESKTOP

## FABRICATED\_T

SQLQuery1.sql - DE...2GPLMI7\libin (54))\*

```
1  INSERT INTO FABRICATED_T (ProductID, PartID, PartQuantity)
2  VALUES ('1000', '110', '2'),
3  ('1000', '120', '1'),
4  ('1000', '130', '1'),
5  ('4000', '410', '1'),
6  ('4000', '420', '8'),
7  ('4000', '430', '2'),
8  ('4000', '440', '8'),
9  ('5000', '510', '1'),
10 ('5000', '520', '4'),
11 ('5000', '530', '20'),
12 ('5000', '540', '500');
13
```

100 %

Messages

(11 rows affected)

Completion time: 2021-05-04T19:49:56.6697809-07:00

100 %

✓ Query executed successfully.

## COURSE\_T

SQLQuery1.sql - DE...2GPLMI7\libin (54))\* ✕

```
1 INSERT INTO COURSE_T (CourseID, CourseDescription)
2 VALUES ('100', 'Integrity Selling'),
3 ('200', 'Hospital Infrastructure Introduction'),
4 ('201', 'Hospital Infrastructure Advanced'),
5 ('202', 'Sterilization Product Training'),
6 ('203', 'Power Systems Training'),
7 ('101', 'Coaching & Developing a Team');
8
```

100 %

Messages

(6 rows affected)

Completion time: 2021-05-04T19:51:17.3648640-07:00

100 %

✓ Query executed successfully.

## EMPLOYEE\_T

SQLQuery1.sql - DE...2GPLMI7\libin (54))

```
1 INSERT INTO EMPLOYEE_T (EmployeeID, EmployeeFirstName, EmployeeLastName, EmployeeJobTitle, EmployeeStreet, EmployeeCity, EmployeeState, EmployeeZip, EmployeeHireDate, ManagerID)
2 VALUES ('1', 'William', 'Medeiros', 'SalesRep', '3210 W. Parkland Blvd.', 'Tampa', 'FL', '33609', '11/3/2015', '2'),
3 ('2', 'Michael', 'Carboni', 'SalesManager', '98 Waldo Ave', 'Rochester', 'NY', '14609', '6/19/2008', '11'),
4 ('3', 'Kyle', 'Sica', 'SalesRep', '6293 Primrose Drive', 'Whitestown', 'IN', '46075', '1/13/2011', '8'),
5 ('4', 'Louis', 'Stein', 'SalesRep', '7707 Copper Cave', 'San Antonio', 'TX', '78249', '1/3/2018', '2'),
6 ('5', 'Christopher', 'Demanby', 'SalesRep', '4 Magnolia Drive', 'Saratoga Springs', 'NY', '12866', '3/1/2017', '2'),
7 ('6', 'Marlyce', 'Bauer', 'SalesRep', '2466 24th Ave E', 'Seattle', 'WA', '98112', '3/3/2014', '2'),
8 ('7', 'Travis', 'Hall', 'SalesRep', '47 Moody Avenue', 'Clovis', 'CA', '93619', '1/19/2016', '8'),
9 ('8', 'Jamie', 'Zwolinski', 'SalesManager', '257 Mallorca Way', 'San Francisco', 'CA', '94123', '1/31/2010', '11'),
10 ('9', 'Christopher', 'Hudnut', 'SalesRep', '29835 Buffalo Canyon Dr', 'Spring', 'TX', '77386', '3/4/2013', '8'),
11 ('10', 'Magdalena', 'Maxwell', 'SalesRep', '384 North Road', 'Chester', 'NJ', '7930', '8/1/2016', '8'),
12 ('11', 'Bill', 'Gates', 'VP of Sales', '123 Easy Street', 'Portland', 'OR', '1', '1/1/2018', '11');
13
```

85 %

Messages

(11 rows affected)

Completion time: 2021-05-04T19:52:24.4825113-07:00

85 %

Query executed successfully.

DESKTOP-2GPLMI7 (15.0 RTM) | DESKTOP-2GPLMI7\libin ... | VARUGHESEL-P3

## SALES\_REPRESENTATIVE\_T

SQLQuery1.sql - DE...2GPLMI7\libin (54))\*

```
1  INSERT INTO SALES_REPRESENTATIVE_T (EmployeeID, CommissionRate)
2  VALUES ('1', '15%'),
3  ('3', '20%'),
4  ('4', '17%'),
5  ('5', '11%'),
6  ('6', '8%'),
7  ('7', '10%'),
8  ('9', '10%'),
9  ('10', '15%');
10
```

100 %

Messages

(8 rows affected)

Completion time: 2021-05-04T19:54:27.5693031-07:00

100 %

✓ Query executed successfully.



## EMPLOYEE\_COURSE\_T

SQLQuery1.sql - DE...2GPLMI7\libin (54))\*

```
1 INSERT INTO EMPLOYEE_COURSE_T (EmployeeID, CourseID, CompletionDate)
2 VALUES ('1', '100', '2/8/2016'),
3 ('1', '200', '5/18/2016'),
4 ('1', '201', '5/19/2016'),
5 ('1', '202', '5/20/2016'),
6 ('1', '203', '5/21/2016'),
7 ('2', '101', '2/9/2012'),
8 ('3', '100', '4/22/2011'),
9 ('3', '200', '7/31/2011'),
10 ('3', '201', '8/1/2011'),
11 ('3', '202', '8/2/2011'),
12 ('3', '203', '8/3/2011'),
13 ('4', '100', '4/13/2018'),
14 ('4', '200', '7/22/2018'),
15 ('4', '201', '7/23/2018'),
16 ('4', '202', '7/24/2018'),
17 ('4', '203', '7/25/2018'),
18 ('5', '100', '6/9/2017'),
19 ('5', '200', '9/17/2017'),
20 ('5', '201', '9/18/2017'),
21 ('5', '202', '9/19/2017'),
22 ('5', '203', '9/20/2017'),
23 ('6', '100', '6/12/2014'),
24 ('6', '200', '9/20/2014'),
25 ('6', '201', '9/21/2014'),
26 ('6', '202', '9/22/2014'),
27 ('6', '203', '9/23/2014'),
28 ('7', '100', '4/30/2016'),
29 ('7', '200', '8/8/2016'),
30 ('7', '201', '8/9/2016'),
31 ('7', '202', '8/10/2016'),
32 ('7', '203', '8/11/2016'),
33 ('8', '101', '4/23/2011'),
34 ('9', '100', '6/15/2013'),
35 ('9', '200', '9/23/2013'),
36 ('9', '201', '9/24/2013'),
37 ('9', '202', '9/25/2013'),
38 ('9', '203', '9/26/2013'),
39 ('10', '100', '11/13/2016'),
40 ('10', '200', '2/21/2017'),
41 ('10', '201', '2/22/2017'),
42 ('10', '202', '2/23/2017'),
43 ('10', '203', '2/24/2017'),
44 ('11', '101', '4/2/2018');
45
```

70 %

Messages

(43 rows affected)

Completion time: 2021-05-04T19:56:10.7712714-07:00

70 %

Query executed successfully.

## CUSTOMER\_T

SQLQuery1.sql - DE...2GPLMI7\libin (54))

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```
INSERT INTO CUSTOMER_T (CustomerID, CustomerName, CustomerStreet, CustomerCity, CustomerState, CustomerZip, CreditLimit, SalesRepID)
VALUES ('1', 'CEDARS-SINAI MEDICAL CENTER', '8700 BEVERLY BLVD RM A 845', 'LOS ANGELES', 'CA', '90048', '$100,000.00', '4'),
('2', 'VENICE BEACH SURGICAL CENTER', '11961 VENICE BLVD', 'LOS ANGELES', 'CA', '90230', '$100,000.00', '5'),
('3', 'R AND R SURGICAL INSTITUTE', '21250 HAWTHORNE BLVD STE 430', 'TORRANCE', 'CA', '90503', '$35,000.00', '7'),
('4', 'OUTPATIENT SURGERY CENTER OF BEVERLY HILLS', '433 N CAMDEN DR STE 1170', 'BEVERLY HILLS', 'CA', '90210', '$35,000.00', '3'),
('5', 'CENTER FOR AMBULANCE SURGERY TREATMENT', '1090 GLENDON AVE', 'LOS ANGELES', 'CA', '90024', '$400,000.00', '4'),
('6', 'GARDENS REGIONAL HOSPITAL AND MEDICAL CENTER', '21530 PIONEER BLVD', 'HAWAIIAN GARDENS', 'CA', '90716', '$100,000.00', NULL),
('7', 'KAISER BELLFLOWER MEDICAL CENTER', '9400 ROSECRANS AVE', 'BELLFLOWER', 'CA', '90706', '$100,000.00', NULL),
('8', 'CENTINELA HOSPITAL MEDICAL CENTER', '931 S FLOWER ST', 'INGLEWOOD', 'CA', '90301', '$100,000.00', '5'),
('9', 'RANCHO LOS AMIGOS MEDICAL CENTER', '7601 IMPERIAL HWY', 'DOWNEY', 'CA', '90242', '$100,000.00', '6'),
('10', 'MARTIN LUTHER KING JUNIOR COMMUNITY HOSPITAL', '1680 E 120TH ST', 'LOS ANGELES', 'CA', '90059', '$100,000.00', NULL),
('11', 'YOUNIQUE SURGERY CENTER AND MEDICAL SPA', '1551 OCEAN AVE STE 200', 'SANTA MONICA', 'CA', '90401', '$100,000.00', '1'),
('12', 'PROVIDENCE MEDICAL CENTER SAN PEDRO', '1300 W 7TH ST', 'SAN PEDRO', 'CA', '90732', '$100,000.00', '3'),
('13', 'USC CARE', '1510 SAN PABLO ST', 'LOS ANGELES', 'CA', '90033', '$100,000.00', NULL),
('14', 'COAST SURGERY CENTER OF SOUTH BAY', '3445 PACIFIC COAST HWY STE 110', 'TORRANCE', 'CA', '90505', '$100,000.00', NULL),
('15', 'KAISER-PERMANENTE', '25825 VERMONT AVE', 'HARBOR CITY', 'CA', '90710', '$400,000.00', '7'),
('16', 'COMMUNITY HOSPITAL HUNTINGTON', '2623 E SLAUSON AVE', 'HUNTINGTON PARK', 'CA', '90255', '$100,000.00', NULL),
('17', 'CALIFORNIA HOSPITAL AND MEDICAL CENTER', '1401 S GRAND AVE', 'LOS ANGELES', 'CA', '90015', '$100,000.00', NULL),
('18', 'SAINT MICHAEL SURGERY CENTER', '701 E 28TH ST STE 300', 'LONG BEACH', 'CA', '90806', '$100,000.00', NULL),
('19', 'WHITE MEMORIAL MEDICAL CENTER', '1723 MICHIGAN AVE', 'LOS ANGELES', 'CA', '90033', '$100,000.00', NULL),
('20', 'BEDFORD SURGICAL CENTER', '436 N BEDFORD DR STE 218', 'BEVERLY HILLS', 'CA', '90210', '$100,000.00', '3');
```

100 %

Messages

(20 rows affected)

Completion time: 2021-05-04T19:58:35.5627489-07:00

100 %

Query executed successfully.

DESKTOP-2GPLMI7 (15.0 RTM) DESKTOP-2GPLMI7\libin

## ORDER\_T

SQLQuery1.sql - DE...2GPLMI7\libin (54))\*

```
1 INSERT INTO ORDER_T (OrderID, CustomerID, CustomerPONumber, OrderDate, DueDate, ShipDate)
2 VALUES ('1001', '1', '189931', '10/18/2018 12:00:00 AM', '10/25/2018 12:00:00 AM', '10/25/2018 12:00:00 AM'),
3 ('1010', '1', '498998', '11/5/2018 12:00:00 AM', '11/13/2018 12:00:00 AM', '11/15/2018 12:00:00 AM'),
4 ('1006', '2', '111825', '10/24/2018 12:00:00 AM', '11/1/2018 12:00:00 AM', '11/3/2018 12:00:00 AM'),
5 ('1005', '3', '576209', '10/24/2018 12:00:00 AM', '11/1/2018 12:00:00 AM', '11/1/2018 12:00:00 AM'),
6 ('1009', '4', '431627', '11/5/2018 12:00:00 AM', '11/13/2018 12:00:00 AM', '11/13/2018 12:00:00 AM'),
7 ('1004', '5', '100420', '10/22/2018 12:00:00 AM', '10/30/2018 12:00:00 AM', '10/30/2018 12:00:00 AM'),
8 ('1002', '8', '515090', '10/18/2018 12:00:00 AM', '10/26/2018 12:00:00 AM', '10/26/2018 12:00:00 AM'),
9 ('1012', '9', '937052', '12/4/2018 12:00:00 AM', '12/12/2018 12:00:00 AM', '12/12/2018 12:00:00 AM'),
10 ('1007', '11', '164241', '10/27/2018 12:00:00 AM', '11/4/2018 12:00:00 AM', '11/4/2018 12:00:00 AM'),
11 ('1008', '12', '197871', '10/30/2018 12:00:00 AM', '11/7/2018 12:00:00 AM', '11/7/2018 12:00:00 AM'),
12 ('1003', '14', '123489', '10/22/2018 12:00:00 AM', '10/30/2018 12:00:00 AM', '10/30/2018 12:00:00 AM'),
13 ('1011', '20', '202632', '11/15/2018 12:00:00 AM', '11/23/2018 12:00:00 AM', '11/23/2018 12:00:00 AM');
14
```

100 %

Messages

(12 rows affected)

Completion time: 2021-05-04T19:59:50.5554659-07:00

100 %

Query executed successfully.

DESKTOP-2GPLMI7 (15.0 RTM)

## ORDER\_LINE\_T

SQLQuery1.sql - DE...2GPLMI7\libin (54))\*

```
1  INSERT INTO ORDER_LINE_T (OrderID, ProductID, OrderQuantity)
2  VALUES ('1001', '3000', '1'),
3  ('1010', '5000', '1'),
4  ('1006', '4000', '3'),
5  ('1005', '4000', '5'),
6  ('1009', '2000', '2'),
7  ('1004', '3000', '4'),
8  ('1002', '2000', '3'),
9  ('1012', '1000', '2'),
10 ('1007', '5000', '1'),
11 ('1008', '2000', '2'),
12 ('1003', '2000', '1'),
13 ('1011', '3000', '1');
14
```

100 %

Messages

(12 rows affected)

Completion time: 2021-05-04T20:00:57.2272488-07:00

100 %

✓ Query executed successfully.

## Deliverable #2: SQL Statements

A.) Provide a list of all the Customer ID, Customer Names, and City, and sort the list in alphabetical order by Customer Name.

```
SELECT CustomerID, CustomerName, CustomerState
FROM CUSTOMER_T
ORDER BY CustomerName;
```

The screenshot shows a SQL query execution window. The query is: `SELECT CustomerID, CustomerName, CustomerState FROM CUSTOMER_T ORDER BY CustomerName;`. The results are displayed in a table with 20 rows, sorted alphabetically by CustomerName. The table has columns: CustomerID, CustomerName, and CustomerState. The status bar at the bottom indicates "Query executed successfully."

	CustomerID	CustomerName	CustomerState
1	20	BEDFORD SURGICAL CENTER	CA
2	17	CALIFORNIA HOSPITAL AND MEDICAL CENTER	CA
3	1	CEDARS-SINAI MEDICAL CENTER	CA
4	5	CENTER FOR AMBULANCE SURGERY TREATMENT	CA
5	8	CENTINELA HOSPITAL MEDICAL CENTER	CA
6	14	COAST SURGERY CENTER OF SOUTHBAY	CA
7	16	COMMUNITY HOSPITAL HUNTINGTON	CA
8	6	GARDENS REGIONAL HOSPITAL AND MEDICAL CENTER	CA
9	7	KAISER BELLFLOWER MEDICAL CENTER	CA
10	15	KAISER-PERMANENTE	CA
11	10	MARTIN LUTHER KING JUNIOR COMMUNITY HOSPITAL	CA
12	4	OUTPATIENT SURGERY CENTER OF BEVERLY HILLS	CA
13	12	PROVIDENCE MEDICAL CENTER SAN PEDRO	CA
14	3	R AND R SURGICAL INSTITUTE	CA
15	9	RANCHO LOS AMIGOS MEDICAL CENTER	CA
16	18	SAINT MICHAEL SURGERY CENTER	CA
17	13	USC CARE	CA
18	2	VENICE BEACH SURGICAL CENTER	CA
19	19	WHITE MEMORIAL MEDICAL CENTER	CA
20	11	YOUNIQUE SURGERY CENTER AND MEDICAL SPA	CA

B.) Provide a list of all of the Customer ID, Customer Names, and City, and sort the list by city with the Customer Names in alphabetical order within each city.

```
SELECT CustomerID, CustomerName, CustomerCity
FROM CUSTOMER_T
ORDER BY CustomerCity, CustomerName;
```

SQLQuery1.sql - DE...2GPLMI7\libin (66))\*

```
1 SELECT CustomerID, CustomerName, CustomerCity
2 FROM CUSTOMER_T
3 ORDER BY CustomerCity, CustomerName;
```

100 %

Results Messages

	CustomerID	CustomerName	CustomerCity
1	7	KAISER BELLFLOWER MEDICAL CENTER	BELLFLOWER
2	20	BEDFORD SURGICAL CENTER	BEVERLY HILLS
3	4	OUTPATIENT SURGERY CENTER OF BEVERLY HILLS	BEVERLY HILLS
4	9	RANCHO LOS AMIGOS MEDICAL CENTER	DOWNEY
5	15	KAISER-PERMANENTE	HARBOR CITY
6	6	GARDENS REGIONAL HOSPITAL AND MEDICAL CENTER	HAWAIIAN GARDENS
7	16	COMMUNITY HOSPITAL HUNTINGTON	HUNTINGTON PARK
8	8	CENTINELA HOSPITAL MEDICAL CENTER	INGLEWOOD
9	18	SAINT MICHAEL SURGERY CENTER	LONG BEACH
10	17	CALIFORNIA HOSPITAL AND MEDICAL CENTER	LOS ANGELES
11	1	CEDARS-SINAI MEDICAL CENTER	LOS ANGELES
12	5	CENTER FOR AMBULANCE SURGERY TREATMENT	LOS ANGELES
13	10	MARTIN LUTHER KING JUNIOR COMMUNITY HOSPITAL	LOS ANGELES
14	13	USC CARE	LOS ANGELES
15	2	VENICE BEACH SURGICAL CENTER	LOS ANGELES
16	19	WHITE MEMORIAL MEDICAL CENTER	LOS ANGELES
17	12	PROVIDENCE MEDICAL CENTER SAN PEDRO	SAN PEDRO
18	11	YOUNIQUE SURGERY CENTER AND MEDICAL SPA	SANTA MONICA
19	14	COAST SURGERY CENTER OF SOUTHBAY	TORRANCE
20	3	R AND R SURGICAL INSTITUTE	TORRANCE

✓ Query executed successfully.

C.) List the customers showing the Customer ID, Customer Name, address, and sales rep name in alphabetical order by customer name.

```
SELECT CustomerID, CustomerName, CustomerStreet, CustomerCity, CustomerState,
CustomerZip, SalesRepID
FROM CUSTOMER_T
ORDER BY CustomerName;
```

SQLQuery1.sql - DE...2GPLMI7\libin (66)\*

```
1 SELECT CustomerID, CustomerName, CustomerStreet, CustomerCity, CustomerState, CustomerZip, SalesRepID
2 FROM CUSTOMER_T
3 ORDER BY CustomerName;
```

100 %

Results Messages

	CustomerID	CustomerName	CustomerStreet	CustomerCity	CustomerState	CustomerZip	SalesRepID
1	20	BEDFORD SURGICAL CENTER	436 N BEDFORD DR STE 218	BEVERLY HILLS	CA	90210	3
2	17	CALIFORNIA HOSPITAL AND MEDICAL CENTER	1401 S GRAND AVE	LOS ANGELES	CA	90015	NULL
3	1	CEDARS-SINAI MEDICAL CENTER	8700 BEVERLY BLVD RM A 845	LOS ANGELES	CA	90048	4
4	5	CENTER FOR AMBULANCE SURGERY TREATMENT	1090 GLENDON AVE	LOS ANGELES	CA	90024	4
5	8	CENTINELA HOSPITAL MEDICAL CENTER	931 S FLOWER ST	INGLEWOOD	CA	90301	5
6	14	COAST SURGERY CENTER OF SOUTHBAY	3445 PACIFIC COAST HWY STE 110	TORRANCE	CA	90505	NULL
7	16	COMMUNITY HOSPITAL HUNTINGTON	2623 E SLAUSON AVE	HUNTINGTON PARK	CA	90255	NULL
8	6	GARDENS REGIONAL HOSPITAL AND MEDICAL CENTER	21530 PIONEER BLVD	HAWAIIAN GARDENS	CA	90716	NULL
9	7	KAISER BELLFLOWER MEDICAL CENTER	9400 ROSECRANS AVE	BELLFLOWER	CA	90706	NULL
10	15	KAISER-PERMANENTE	25825 VERMONT AVE	HARBOR CITY	CA	90710	7
11	10	MARTIN LUTHER KING JUNIOR COMMUNITY HOSPITAL	1680 E 120TH ST	LOS ANGELES	CA	90059	NULL
12	4	OUTPATIENT SURGERY CENTER OF BEVERLY HILLS	433 N CAMDEN DR STE 1170	BEVERLY HILLS	CA	90210	3
13	12	PROVIDENCE MEDICAL CENTER SAN PEDRO	1300 W 7TH ST	SAN PEDRO	CA	90732	3
14	3	R AND R SURGICAL INSTITUTE	21250 HAWTHORNE BLVD STE 430	TORRANCE	CA	90503	7
15	9	RANCHO LOS AMIGOS MEDICAL CENTER	7601 IMPERIAL HWY	DOWNEY	CA	90242	6
16	18	SAINT MICHAEL SURGERY CENTER	701 E 28TH ST STE 300	LONG BEACH	CA	90806	NULL
17	13	USC CARE	1510 SAN PABLO ST	LOS ANGELES	CA	90033	NULL
18	2	VENICE BEACH SURGICAL CENTER	11961 VENICE BLVD	LOS ANGELES	CA	90230	5
19	19	WHITE MEMORIAL MEDICAL CENTER	1723 MICHIGAN AVE	LOS ANGELES	CA	90033	NULL
20	11	YOUNIQUE SURGERY CENTER AND MEDICAL SPA	1551 OCEAN AVE STE 200	SANTA MONICA	CA	90401	1

Query executed successfully.

DESKTOP-2GPLMI7 (15.0 RTM) DESKTOP-2

D.) Which employees have not completed course ID = 100?

```
SELECT EmployeeFirstName, EmployeeLastName
FROM EMPLOYEE_T
WHERE EmployeeID NOT IN (SELECT EmployeeID
FROM EMPLOYEE_COURSE_T
WHERE CourseID = 100);
```

SQLQuery1.sql - DE...2GPLMI7\libin (56))\*

```
1 SELECT EmployeeFirstName, EmployeeLastName
2 FROM EMPLOYEE_T
3 WHERE EmployeeID NOT IN (SELECT EmployeeID
4 FROM EMPLOYEE_COURSE_T
5 WHERE CourseID = 100);
```

100 %

Results Messages

	EmployeeFirstName	EmployeeLastName
1	Bill	Gates
2	Michael	Carboni
3	Jamie	Zwolinski

✓ Query executed successfully.



E.) How many sales reps does PSC have?

```
SELECT COUNT(EmployeeID) AS PSCSalesReps  
FROM SALES_REPRESENTATIVE_T;
```

The screenshot shows a SQL query execution window. The title bar indicates the file is 'SQLQuery1.sql' and the connection is 'DE...2GPLMI7\libin (66)\*'. The query editor contains the following SQL code:

```
1 SELECT COUNT(EmployeeID) AS PSCSalesReps  
2 FROM SALES_REPRESENTATIVE_T;
```

Below the query editor, there is a 'Results' tab and a 'Messages' tab. The 'Results' tab is active, displaying a table with one row and one column:

	PSCSalesReps
1	8

At the bottom of the window, a status bar shows a green checkmark icon and the text 'Query executed successfully.'

F.) List all of the sales reps sorted by largest commission rate first.

```
SELECT EMPLOYEE_T.EmployeeFirstName AS SalesRepFirstName,  
EMPLOYEE_T.EmployeeLastName AS SalesRepLastName,  
SALES_REPRESENTATIVE_T.CommissionRate  
FROM EMPLOYEE_T  
INNER JOIN SALES_REPRESENTATIVE_T ON  
SALES_REPRESENTATIVE_T.EmployeeID=EMPLOYEE_T.EmployeeID  
ORDER BY CommissionRate DESC;
```

SQLQuery1.sql - DE...2GPLMI7\libin (66))\*

```
1 SELECT EMPLOYEE_T.EmployeeFirstName AS SalesRepFirstName,  
2 EMPLOYEE_T.EmployeeLastName AS SalesRepLastName, SALES_REPRESENTATIVE_T.CommissionRate  
3 FROM EMPLOYEE_T  
4 INNER JOIN SALES_REPRESENTATIVE_T ON SALES_REPRESENTATIVE_T.EmployeeID=EMPLOYEE_T.EmployeeID  
5 ORDER BY CommissionRate DESC;
```

100 %

Results Messages

	SalesRepFirstName	SalesRepLastName	CommissionRate
1	Kyle	Sica	20%
2	Louis	Stein	17%
3	William	Medeiros	15%
4	Magdalena	Maxwell	15%
5	Christopher	Demanby	11%
6	Travis	Hall	10%
7	Christopher	Hudnut	10%
8	Marlyce	Bauer	08%

✓ Query executed successfully.

G.) Who are the manager(s) of the sales reps?

```
SELECT EmployeeFirstName AS SalesRepManagerFirstName, EmployeeLastName AS  
SalesRepManagerLastName  
FROM EMPLOYEE_T  
WHERE EmployeeJobTitle = 'SalesManager';
```

SQLQuery1.sql - DE...2GPLMI7\libin (66))\*

```
1 SELECT EmployeeFirstName AS SalesRepManagerFirstName, EmployeeLastName AS SalesRepManagerLastName  
2 FROM EMPLOYEE_T  
3 WHERE EmployeeJobTitle = 'SalesManager';  
4
```

100 %

Results Messages

	SalesRepManagerFirstName	SalesRepManagerLastName
1	Michael	Carboni
2	Jamie	Zwolinski

✓ Query executed successfully. DESKTOP

H.) List the employees names who report to a Sales Manager.

```
SELECT EmployeeFirstName, EmployeeLastName
FROM EMPLOYEE_T
WHERE ManagerID IN(SELECT EmployeeID
FROM EMPLOYEE_T
WHERE EmployeeJobTitle = 'SalesManager');
```

SQLQuery1.sql - DE...2GPLMI7\libin (66)\*

```
1 SELECT EmployeeFirstName, EmployeeLastName
2 FROM EMPLOYEE_T
3 WHERE ManagerID IN(SELECT EmployeeID
4 FROM EMPLOYEE_T
5 WHERE EmployeeJobTitle = 'SalesManager');
```

100 %

Results Messages

	EmployeeFirstName	EmployeeLastName
1	William	Medeiros
2	Magdalena	Maxwell
3	Kyle	Sica
4	Louis	Stein
5	Christopher	Demanby
6	Marlyce	Bauer
7	Travis	Hall
8	Christopher	Hudnut

✓ Query executed successfully.

I.) Who is the manager of the manager of the sales reps?

```
SELECT EmployeeFirstName, EmployeeLastName
FROM EMPLOYEE_T
WHERE ManagerID NOT IN(SELECT EmployeeID
FROM EMPLOYEE_T
WHERE EmployeeJobTitle = 'SalesManager')
AND EmployeeJobTitle != 'SalesManager';
```

SQLQuery1.sql - DE...2GPLMI7\libin (66))\*

```
1 SELECT EmployeeFirstName, EmployeeLastName
2 FROM EMPLOYEE_T
3 WHERE ManagerID NOT IN(SELECT EmployeeID
4 FROM Employee_T
5 WHERE EmployeeJobTitle = 'SalesManager')
6 AND EmployeeJobTitle != 'SalesManager';
```

100 %

Results Messages

	EmployeeFirstName	EmployeeLastName
1	Bill	Gates

✓ Query executed successfully.

J.) List the employee names of those that report directly to the manager of the sales manager(s).

```
SELECT EmployeeFirstName, EmployeeLastName
FROM EMPLOYEE_T
WHERE ManagerID NOT IN(SELECT EmployeeID
FROM Employee_T
WHERE EmployeeJobTitle = 'SalesManager');
```

SQLQuery1.sql - DE...2GPLMI7\libin (60))\*

```
1 SELECT EmployeeFirstName, EmployeeLastName
2 FROM EMPLOYEE_T
3 WHERE ManagerID NOT IN(SELECT EmployeeID
4 FROM Employee_T
5 WHERE EmployeeJobTitle = 'SalesManager');
```

100 %

Results Messages

	EmployeeFirstName	EmployeeLastName
1	Bill	Gates
2	Michael	Carboni
3	Jamie	Zwolinski

Query executed successfully.

K.) Provide an inventory report that lists the most costly items first. The inventory report should include product identification numbers, product descriptions, unit prices, supplier names, cost, and quantity supplied.

```
SELECT PRODUCT_T.ProductID, ProductDescription, UnitPrice, SupplierName,
ProductCost*PurchasedQuantity AS Cost, PurchasedQuantity AS QuantitySupplied
FROM PRODUCT_SUPPLIER_T
INNER JOIN PRODUCT_T ON PRODUCT_SUPPLIER_T.ProductID =
PRODUCT_T.ProductID
INNER JOIN SUPPLIER_T ON PRODUCT_SUPPLIER_T.SupplierID =
SUPPLIER_T.SupplierID
ORDER BY Cost DESC;
```

SQLQuery2.sql - DE...2GPLMI7\libin (69))\*

```
1 SELECT PRODUCT_T.ProductID, ProductDescription, UnitPrice, SupplierName,
2 ProductCost*PurchasedQuantity AS Cost, PurchasedQuantity AS QuantitySupplied
3 FROM PRODUCT_SUPPLIER_T
4 INNER JOIN PRODUCT_T ON PRODUCT_SUPPLIER_T.ProductID = PRODUCT_T.ProductID
5 INNER JOIN SUPPLIER_T ON PRODUCT_SUPPLIER_T.SupplierID = SUPPLIER_T.SupplierID
6 ORDER BY Cost DESC;
```

100 %

Results Messages

	ProductID	ProductDescription	UnitPrice	SupplierName	Cost	QuantitySupplied
1	2000	Small Sterilizer	85000.00	LA WHOLESale INC.	1500000.00	30
2	4000	Hospital Bed	70000.00	MEDLINE SUPPLY	800000.00	20
3	3000	Large Sterilizer	120000.00	LA WHOLESale INC.	700000.00	10
4	1000	Power Generator	50000.00	GE INC.	250000.00	10
5	110	Power Inverter	5000.00	NULL	NULL	NULL
6	120	Diesel Engine	8000.00	NULL	NULL	NULL
7	130	Generator Assembly Kit	4000.00	NULL	NULL	NULL
8	410	Bed Frame	3000.00	NULL	NULL	NULL
9	420	Electric Motor	50.00	NULL	NULL	NULL
10	430	Control Panel	100.00	NULL	NULL	NULL
11	440	Wheel	5.00	NULL	NULL	NULL
12	5000	Security System	10000.00	NULL	NULL	NULL
13	510	Server	2000.00	NULL	NULL	NULL
14	520	Monitor - HD	300.00	NULL	NULL	NULL
15	530	Camera Nightvision - 4K	500.00	NULL	NULL	NULL
16	540	Camera Cable (in Feet)	1.00	NULL	NULL	NULL

Query executed successfully.

L.) List all of the employees in alphabetical order and each course they have completed in order of date completed.

```
SELECT EmployeeFirstName, EmployeeLastName, COURSE_T.CourseID, CourseDescription,
CompletionDate
FROM EMPLOYEE_COURSE_T
INNER JOIN EMPLOYEE_T ON EMPLOYEE_COURSE_T.EmployeeID =
EMPLOYEE_T.EmployeeID
INNER JOIN COURSE_T ON EMPLOYEE_COURSE_T.CourseID = COURSE_T.CourseID
ORDER BY EmployeeLastName, CompletionDate;
```

SQLQuery1.sql - DE...2GPLMI7\libin (53))\*

```
1 SELECT EmployeeFirstName, EmployeeLastName, COURSE_T.CourseID, CourseDescription, CompletionDate
2 FROM EMPLOYEE_COURSE_T
3 INNER JOIN EMPLOYEE_T ON EMPLOYEE_COURSE_T.EmployeeID = EMPLOYEE_T.EmployeeID
4 INNER JOIN COURSE_T ON EMPLOYEE_COURSE_T.CourseID = COURSE_T.CourseID
5 ORDER BY EmployeeLastName, CompletionDate;
```

85 %

Results Messages

	EmployeeFirstName	EmployeeLastName	CourseID	CourseDescription	CompletionDate
1	Marlyce	Bauer	100	Integrity Selling	06/12/2014
2	Marlyce	Bauer	200	Hospital Infrastructure Introduction	09/20/2014
3	Marlyce	Bauer	201	Hospital Infrastructure Advanced	09/21/2014
4	Marlyce	Bauer	202	Sterilization Product Training	09/22/2014
5	Marlyce	Bauer	203	Power Systems Training	09/23/2014
6	Michael	Carboni	101	Coaching & Developing a Team	02/09/2012
7	Christopher	Demanby	100	Integrity Selling	06/09/2017
8	Christopher	Demanby	200	Hospital Infrastructure Introduction	09/17/2017
9	Christopher	Demanby	201	Hospital Infrastructure Advanced	09/18/2017
10	Christopher	Demanby	202	Sterilization Product Training	09/19/2017
11	Christopher	Demanby	203	Power Systems Training	09/20/2017
12	Bill	Gates	101	Coaching & Developing a Team	04/02/2018
13	Travis	Hall	100	Integrity Selling	04/30/2016
14	Travis	Hall	200	Hospital Infrastructure Introduction	08/08/2016
15	Travis	Hall	201	Hospital Infrastructure Advanced	08/09/2016
16	Travis	Hall	202	Sterilization Product Training	08/10/2016
17	Travis	Hall	203	Power Systems Training	08/11/2016
18	Christopher	Hudnut	100	Integrity Selling	06/15/2013
19	Christopher	Hudnut	200	Hospital Infrastructure Introduction	09/23/2013
20	Christopher	Hudnut	201	Hospital Infrastructure Advanced	09/24/2013
21	Christopher	Hudnut	202	Sterilization Product Training	09/25/2013
22	Christopher	Hudnut	203	Power Systems Training	09/26/2013
23	Magdalena	Maxwell	200	Hospital Infrastructure Introduction	02/21/2017
24	Magdalena	Maxwell	201	Hospital Infrastructure Advanced	02/22/2017
25	Magdalena	Maxwell	202	Sterilization Product Training	02/23/2017
26	Magdalena	Maxwell	203	Power Systems Training	02/24/2017
27	Magdalena	Maxwell	100	Integrity Selling	11/13/2016
28	William	Medeiros	100	Integrity Selling	02/08/2016
29	William	Medeiros	200	Hospital Infrastructure Introduction	05/18/2016
30	William	Medeiros	201	Hospital Infrastructure Advanced	05/19/2016
31	William	Medeiros	202	Sterilization Product Training	05/20/2016
32	William	Medeiros	203	Power Systems Training	05/21/2016
33	Kyle	Sica	100	Integrity Selling	04/22/2011
34	Kyle	Sica	200	Hospital Infrastructure Introduction	07/31/2011
35	Kyle	Sica	201	Hospital Infrastructure Advanced	08/01/2011
36	Kyle	Sica	202	Sterilization Product Training	08/02/2011
37	Kyle	Sica	203	Power Systems Training	08/03/2011
38	Louis	Stein	100	Integrity Selling	04/13/2018
39	Louis	Stein	200	Hospital Infrastructure Introduction	07/22/2018
40	Louis	Stein	201	Hospital Infrastructure Advanced	07/23/2018
41	Louis	Stein	202	Sterilization Product Training	07/24/2018
42	Louis	Stein	203	Power Systems Training	07/25/2018
43	Jamie	Zwolinski	101	Coaching & Developing a Team	04/23/2011

Query executed successfully.



## Statement of Academic Integrity

**CLASS POLICY ON ACADEMIC INTEGRITY** As business professionals we have an ethical duty to uphold the reputation of the businesses we work for by following the company's standards of personal integrity and trustworthiness. As business students we have an ethical duty to uphold the integrity of our coursework and the honorable reputation of our school by following the guiding principles of our school policies, including University Policy on Academic Dishonesty.

As CIS 3050 business students we must pledge to:

- ☐ Create and produce our own work;
- ☐ Treat teammates with respect;
- ☐ Give our utmost in performance; and
- ☐ Use legitimate information sources.

Learning and following these guiding principles will have a positive and lasting impact on your future as a business professional. By violating class policy and acting dishonorably, students demonstrate their lack of readiness to enter into CIS professions. Students choosing to violate University Policy on Academic Dishonesty will face the consequences as described in that policy.

I, Libin Varughese, hereby affirm that I have not received any outside help on this project and that the work presented here is solely my own.

Signed: Libin Varughese