

No: .....

Date: .....

DML 2 Part 1

Section 6 Lesson 6 Exercise 1.

Part 1

1. SELECT \* FROM customers;

CTR_NUMBER	EMAIL	FIRST_NAME	LAST_NAME	PHONE_NUMBER	CURRENT_BALANCE	SRE_ID	TEM_ID	LOYALTY_CARD_NUMBER
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	-
c00105	Murcia@globaltech.com	Andrew	Murcia	07715246890	85	-	-	lc2341
c01986	margal87@delphiview.com	Maria	Galant	01442736589	125.65	sr03	t003	-
c02001	brianrog@hootech.com	Brian	Rogers	01654564898	50	-	-	lc4587

2. SELECT \* FROM teams;

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

3. SELECT \* FROM items;

ITM_NUMBER	NAME	DESCRIPTION	CATEGORY	COLOR	Size	ILT_ID
im01101044	gloves	catcher mitt	clothing	brown	m	il010230124
im01101045	under shirt	top worn under the game top	clothing	white	s	il010230125
im01101046	socks	team socks with emblem	clothing	range	l	il010230126
im01101047	game top	team shirt with emblem	clothing	range	m	il010230127
im01101048	premium bat	high quality baseball bat	equipment	-	-	il010230128

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Part 2

1. SELECT ctr-number, first-name, last-name, email, phone-number  
FROM customers;

CTR_NUMBER	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER
c00001	Robert	Thornberry	bob.thornberry@heatmail.com	01234567898
c00012	Jennifer	Jones	Jjones@freemail.com	01505214598
c00101	John	Doe	unknown@here.com	03216547808
c00103	Andrew	Murcia	MurciaA@globaltech.com	07715246890
c01986	Maria	Galant	margal87@delphiview.com	01442736589
c02001	Brian	Rogers	brianrog@hootech.com	01654564898

2. SELECT name, number\_of\_players  
FROM teams;

NAME	NUMBER_OF_PLAYERS
Rockets	25
Celtics	42
Rovers	8

3. SELECT name, description, category  
FROM items;

NAME	DESCRIPTION	CATEGORY
gloves	catcher mitt	clothing
under shirt	top worn under the game top	clothing
socks	team socks with emblem	clothing
game top	team shirt with emblem	clothing
premium bat	high quality baseball bat	equipment

DML 2 Part 2

## Secting 6 lesson 6 Exercise 2

Part 1

1. SELECT first-name, last-name, current-balance, current-balance/12  
FROM customers;

2. SELECT first-name, last-name, Ctr-number, current-balance,  
current-balance - 5.00  
FROM customers;

FIRST_NAME	LAST_NAME	CURRENT_BALANCE	CURRENT_BALANCE-5.00
Robert	Thornberry	150	145
Jennifer	Jones	0	-5
John	Doe	987.5	982.5
Andrew	Murcia	85	80
Maria	Galant	125.65	120.65
Brian	Rogers	50	45

3. negative value will be shown in the table if current balance is less than 5.00 but logically it should be 0.

Part 2

1. SELECT first-name "First Name", last-name "Last Name", current-balance  
"Balance", current-balance/12 "Monthly Repayments"  
FROM customers;

### Part 3

1. SELECT 'The' || name || 'team has' || numberofplayers || 'players  
and receives a discount of' || discount || ' percent'  
AS "Team Information"  
FROM teams;

Team Information
The Rockets team has 25 players and receives a discount of 10 percent.
The Celtics team has 42 players and receives a discount of 20 percent.
The Rovers team has 8 players and receives a discount of percent.

2. Rogers team does not show dissent because it has a null value in dissent column.

PML2 Part 3Section 6 Lesson 7 Exercise 1Part 1

1. `SELECT * FROM customers WHERE ctr_number = 'c01986';`

CTR_NUMBER	EMAIL	FIRST_NAME	LAST_NAME	PHONE_NUMBER	CURRENT_BALANCE	SRE_ID	TEM_ID	LOYALTY_CARD_NUMBER
c01986	margal87@delphiview.com	Maria	Galant	01442756589	125.65	sr03	t003	-

2. `SELECT first_name, "First Name", last_name "Last Name",  
ctr_number "Customer Number" FROM customers WHERE  
current_balance > 100;`

FIRST_NAME	LAST_NAME	CTR_NUMBER
Robert	Thornberry	c00001
John	Doe	c00101
Maria	Galant	c01986

3. `SELECT id "Order ID", odr_date "Order Date", odr_time "Order Time"  
FROM orders  
WHERE order_date < TO_DATE('28-May-2019', 'DD-MM-YYYY');`

Order ID	Order Date	Order Time
or0101250	04/17/2017	04/17/2017
or0101350	05/24/2017	05/24/2017
or0101425	05/28/2017	05/28/2017
or0101681	06/02/2017	06/02/2017
or0101750	06/18/2017	06/18/2017

Part 2

1. SELECT id "Inventory ID", cost "Cost", units "Number of Units"  
 FROM inventory-list WHERE cost BETWEEN 3.00 AND  
 15.00;

Inventory ID	Cost	Number of Units
il010230125	7.99	250
il010230126	5.24	87

Part 3

1. SELECT id "Inventory Id", cost "Cost", units "Number of Units"  
 FROM inventory-list WHERE units IN(50, 100, 150, 200);

Inventory ID	Cost	Number of Units
il010230124	2.5	100

Part 4

1. SELECT id "Inventory ID", cost "Cost", units "Number of Units"  
 FROM inventory-list WHERE units NOT IN(50, 100, 150, 200);

Inventory ID	Cost	Number of Units
il010230125	7.99	250
il010230126	5.24	87
il010230127	18.95	65
il010230128	97.46	8

Part 5

1. SELECT item-number "Item Number", name "Name"  
 FROM items WHERE name LIKE 'g%';

Item Number	Name
im01101044	gloves
im01101047	game top

## Part 6

1. SELECT item-number "Item Number", name "Name" FROM items  
WHERE name LIKE '%o%';

Item Number	Name
im01101044	gloves
im01101046	socks
im01101047	game top

Section 6 Lesson 7 Exercise 2 (QML 2 Part 4)

## Part 1

1. SELECT 'The' || name || ' team has ' || number\_of\_players || ' players and does not receive a discount.' AS "Team Information" FROM teams WHERE discount IS NULL;

Team Information
The Rovers team has 8 players and does not receive a discount.

2. SELECT 'The' || name || ' team has ' || number\_of\_players || ' players and receives a discount of ' || discount || ' percent.' AS "Team Information" FROM teams WHERE discount IS NOT NULL;

Team Information
The Rockets team has 25 players and receives a discount of 10 percent.
The Celtics team has 42 players and receives a discount of 20 percent.

## Part 2

1. SELECT ct-number "Customer Number", address-line-1 "Street Address", zip-code "Postal Code" FROM customers\_addresses WHERE city='Liverpool' AND address-line-2='Stanford');

Customer Number	Street Address	Postal Code
C00001	17 Gartsquare Road	LP89JHK

### Part 3

1. SELECT ctr-number "Customer Number", address-line-1 "Street Address", zip-code "Postal Code" FROM customers-addresses  
 WHERE address-line-2 = 'Stanford' OR city = 'Liverpool';

Customer Number	Street Address	Postal Code
c00001	17 Gartsquare Road	LP89JHK
c00001	63 Acacia Drive	LP83JHR

### Part 4

1. SELECT ctr-number "Customer Number", address-line-1 "Street Address", zip-code "Postal Code" FROM customers-addresses WHERE city NOT IN ('Liverpool');

Customer Number	Street Address	Postal Code
c00101	54 Ropehill Crescent	ST45AGV
c01986	36 Watercress Lane	JP23YTH

## DML 2 Part 5

### Section 6 Lesson 8 Exercise 1

1. SELECT name "Team Name", number\_of\_players "Number of Players"  
FROM teams ORDER BY name;

Team Name	Number of Players
Celtics	42
Rockets	25
Rovers	8

2. SELECT name "Team Name", number\_of\_players "Number of Players"  
FROM teams ORDER BY number\_of\_players DESC;

Team Name	Number of Players
Celtics	42
Rockets	25
Rovers	8

3. SELECT name "Team Name", number\_of\_players "Players" FROM teams  
ORDER BY name DESC;

Team Name	Players
Rovers	8
Rockets	25
Celtics	42

# DML 2 Part 6

## Section 6 Lesson 8 Exercise 2

### Part 1

1. SELECT ROWNUM "Customer Number", first\_name || ' ' || last\_name AS "Customer Name" FROM customers WHERE ROWNUM <= 3;

Customer Number	Customer Name
1	Robert Thornberry
2	Jennifer Jones
3	John Doe

### Part 2

1. SELECT first\_name "First Name", last\_name "Last Name"  
FROM sales\_representatives WHERE commission\_rate = :commission\_rate  
ORDER BY last\_name;

Submit

Bind Variable	Value
:COMMISSION_RATE	5

First Name	Last Name
Barry	Speed
Victoria	Wright