	No.: LAB	3 - DML 2		Date:
		•		•
	NAME :	ABOUL AZIZ. BIN	MABENI	e Azerel man de la Carda de La cara
		NO : A 22 EC 0130		2740.3130 4.324 3.3.3.
	SECTION	; 06		·
	PART 1:	27.72	od tomo	oliv statist foliation of the state of
	Part 1:	2.4		
	SELECT	* FROM CUSTOME		
		- showing of White	dia cha	nates to an analysis of the second
2 .	SELECT	* FROM TEAMS:		: 19 14. JTTP 11.094 1 18 10 10 10 10 10 10 10 10 10 10 10 10 10
3.	SELECT	* FROM ITEMS;		
	Part 2:			
	ه در ور	in Illian stale and	mid the mi	et ill our Par Date of Bager
1:	SELECT	ctr_number, first_nar	nc, last_name!	email, phone-number
	FROM	CUSTOMERS;		i de la constanta de la consta

2 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;
	· iddd of var and the first of the same

```
1 , SELECT name, number of players
2 FROM TEAMS;
3
           NUMBER OF PLAYERS
  NAME
 Rockets
         25
 Celtics
          42
 Rovers
           10
 Jets
```



3. SELECT name, description, category FROM ITEMS;

1, SELECT name, description, category

FROM ITEMS; 2

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 quaity basball bat	equipment



	, 11	ame, orage.	· [[·] ·] · - · ·					
	PART 2:						[4,0]	
				·	•			
-	Part 1:00)	of min-ofo	19 HW	298414710	1/077 =	THE	
_								
	SELECT 1	int_name,	last-name	current	-halance,	current_balar	ce/12/	. С
-	1					" 15 (M.) 15		
			1 001 -	andled to	DHO 3834	two egaliati	0) 4.191	



```
1    SELECT first_name, last_name, current_balance, current_balance/12
2    FROM CUSTOMERS;
3
```

FIRST_NAME	LAST_NAME	CURRENT_BALANCE	CURRENT_BALANCE/12
Robert	Thornberry	150	12.5
Jennifer	Jones	9	9
John	Doe	987.5	82.29166666666666666666666666666666
Andrew	Murcia	85	7.0833333333333333333333333333333333
Maria	Galant	125.65	10.470833333333333333333333333333333333
Brian	Rogers	50	4.1666666666666666666666666666666666666



2 8	FIERT first some 1	ast name, ctr-number, current-balance, current-balance-5
	A CONTROL OF THE PROPERTY OF T	ASIZHUMIL, CHI-MUMILER, CANTONE DUNGINCE, CANTONIZ BURNINCE
F	from customers;	



FIRST_NAME	LAST_NAME	CTR_NUMBER	CURRENT_BALANCE	CURRENT_BALANCE-5
Robert	Thornberry	c00001	150	145
Jennifer	Jones	c00012	a	-5
John	Doe	c00101	987.5	982.5
Andrew	Murcia	c00103	85	80
Maria	Galant	c01986	125.65	120.65
Brian	Rogers	c02001	50	45



3 .	The current balance value cannot be zero.
	Part 2:
1.	SELECT first-name AS "First Name", last-name AS "Last Name", current_balance
	AS "Balance", current_balance/12 AS "Monthly Repayments"
	FROM CUSTOMERS;

1 SELECT first_name AS "First Name", last_name AS "Last Name", current_balance AS "Balance", current_balance/12 AS "Monthly Repayments"
2 FROM CUSTOMERS;
3

First Name	Last Name	Balance	Monthly Repayments
Robert	Thornberry	150	12.5
Jennifer	Jones	θ	9
John	Doe	987.5	82.29166666666666666666666666666666666666
Andrew	Murcia	85	7.083333333333333333333333333333333333
Maria	Galant	125.65	10.470833333333333333333333333333333333
Brian	Rogers	50	4.1666666666666666666666666666666666666



Part 3:

1. SELECT 'The 'll name Il' team has 'll number-of-players Il' players and receives, a discount of 'll discount Il' percent.' AS, 'Team Information' FROM TEAMS;



1 SELECT 'The ' || name || ' team has ' || number_of_players || ' players and receives a discount of ' || discount || ' percent.'
2 AS "Team Information"
3 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.

The Jets team has 10 players and receives a discount of 5 percent.



2.	Because discount value can be NULL value and the discount column
	in the last tegm's row is NULL.
	Ono+ 9:
	PART 3: 17. ATT. M.M. I. T. M. M. I. T. M. M. T. A. M. M. M. T. A. M. M. T. A. M.
	Part 1:
1.	SELECT * FROM CUSTOMERS WHERE ctr-number = "c01986";
2.	SELECT first_name AS "First Nome", last_name AS "Last Name", ctr_number AS
	"Customer Number", current-balance As "Balance"
	FROM CUSTOMERS WHERE current-balance > 100;

- 1 V SELECT first_name AS "First Name", last_name AS "Last Name", ctr_number
- 2 AS "Customer NUmber", current balance AS "Balance"
- 3 FROM CUSTOMERS WHERE current balance>100;

First Name	Last Name	Customer NUmber	Balance
Robert	Thornberry	c00001	150
John	Doe	c00101	987.5
Maria	Galant	c01986	125.65



3. SELECT id AS "Order ID", odr_date AS "Order Pate", odr_fime AS 1 "Order Time"

FROM ORDERS WHERE TO_DATE (codr_date, 'DD-MM-YYYY')

< TO_DATE ('D8-MAY-2019, 'DD-MM-YYYY');

```
1 V SELECT id AS "Order ID", odr_date AS "Order Date", odr_time AS "Order Time"

2 FROM ORDERS WHERE TO_DATE(odr_date, 'DD-MM-YYYY') < TO_DATE('28-MAY-2019', 'DD-MM-YYYY');
```

Order ID	Order Date	Order Time
or0101250	17-APR-17	17-APR-17
or0101350	24-MAY-17	24-MAY-17
or0101425	28-MAY-17	28-MAY-17
or0101681	02-JUN-17	02-JUN-17
or0101750	18-JUN-17	18-JUN-17



	BUBER The Theorem I for hop hop to the same of the
	Part 2:
	1104 Et Annoath Jakin Maring
1.	SELECT id AS "Inventory ID", cost AS "Cost", units AS "Units"
-401102	FROM INVENTORY_LIST WHERE COST BETWEEN 3.60 AND 15.00;
	The most in the second of the



```
1 , SELECT id AS "Inventory ID", cost AS "Cost", units AS "Units"
```

2 FROM INVENTORY_LIST WHERE COST BETWEEN 3.00 AND 15.00;

3

Inventory ID	Cost	Units
il010230125	7.99	250
i1010230126	5.24	87



	1					
***··		1 11111	TOM. 21 190	JULY BRITING	RUART	1109
	Part 3:					
1-	SELECT TO AS	"Inventory 10"	cost AS "Cost"	units As 'Number	er of Units"	
		PY_LIST WHERE				HI
				'al-al Mahadi	11 11 11	7 (



```
1 V SELECT id AS "Inventory ID", cost AS "Cost", units AS "Number of Units"

2 FROM INVENTORY_LIST WHERE units IN(50, 100, 150, 200);

3
```

Inventory ID	Cost	Number of Units
il010230124	2.5	100



1-1-1	5 p. 1 1 miles (1.14 1, 1/4 vid = 1.	HEAVE THE INERS ADDRESS WHERE OF
	Part U:	
		12 to
1.	SELECT id AS "Inventory 10", cost 1	AS "Cost", units AS "Number of Units"
· · · · · · · · · · · · · · · · · · ·	FROM INVENTORY_LIST WHERE	AS "Cost", units AS "Number of Units" units MOT IN (50, 100, 150, 200)
		"at a doloff" El allos ans



```
1 , SELECT id AS "Inventory ID", cost AS "Cost", units AS "Number of Units"
2 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



- [, ,] , .	Contains 20 Joseph John Bally Watering 1989
	Part to:
1.	SELECT itm_number As "Item Number", name As "Name"
	FROM ITEMS WHERE name LIKE 'g%';
	9150) = 184 31 21

```
1 SELECT itm_number AS "Item Number", name AS "Name"
2 FROM ITEMS WHERE name LIKE 'g%';
```

Item Number	Name
im01101044	gloves
im01101047	game top



	((1)00 por 1) Vil	TOMBRESS WHERE OHI VET
	Part 6:	
1-	SELECT : itm_number AS "Item	Number", name AS "Name"
	FROM ITEMS WHERE name	LIKE 1-00%; " onot most 24 one
		: 0000 VE SECTION DOME



```
1  SELECT itm_number AS "Item Number", name AS "Name"
2  FROM ITEMS WHERE name LIKE '_o%';
3
```

Item Number Name im01101046 socks



Part 4. Part 1: SELECT 'The 'Il name II ' team has 'Il number of players and closes
Part 1:
1. SFIECT 'The 'Il name II ' term has 'Il number of players II ' players and class
1. SFIECT 'The 'Il some II + terror has 'Il number of slowers II ' slowers and close
and the thing to real and the property of the things of th
1. SELECT 'The' Il name Il 'team has 'Il number-of-players II' players and closs not receives a discount.' AS "Team Information"
FROM TEAMS WHERE discount IS NULL;
the things of the things of the state of the state of
2. SELECT 'The 'Il name 11' team has 'Il number of players 11' players and receives
a discount of 'Il discount II' percent. As "Team Information"
FROM TEAMS WHERE discount IS NOT NULL;
1.2 (ve)
Part 2:
Eld to minus the three "too" 24 to In "ATTIMET SA to TUBLE. I
1- SELECT ctr-number AS "Customer Number", address_line_11 AS "Street Address",
zip-code AS "Postal Code"
FROM CUSTOMERS_APPRESS WHERE city = 'Liverpool' AND address_tine_2 = 'Starford';
- D + of
Part 3:
THERE I A ME "Starter SID" ASH AS COST, under AS "Number of the"
1. SELECT ctr-number AS "Customer Number", address_line_11 AS "Street Address",
zip_code AS "Pastal Code"
FROM CUSTOMERS_ADDRESS WHERE city = 'Liverpool' OR address_tine_2 = 'Starford';
J 1,8
Por 4.
"ya, M" 2A yaca i a laud anti 20 a maya an 1011 fe an
1. SELECT ctr_number As "Customer Number"; oddress_line_1 AS "Street Address"
zip_code As "Postal Code"
FROM CUSTOMERS_ADDRESS WHERE city NOT IN ('Liverpool');
I KOM CASTOMERS TUDDRESS MILERE CITY LOCAL THE CLIMBLE BOOK >>
PART 5:
ound the one show the selection of the s
1. SELECT name As "Team Name", number-of-players AS "Number of Players"
FROM TEAMS ORDER BY name;

1 , SELECT name AS "Team Name", number of players AS "Number of Players"

2 FROM TEAMS ORDER BY name;

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		ı	
×.	4		

Team Name	Number of Players
Celtics	42
Jets	10
Rockets	25
Rovers	8



2. SELECT name AS "Team Name", number-of-players AS "Mumber of Players"

FROM TEAMS ORDER BY number-of-players DESC;

1 , SELECT name AS "Team Name", number of players AS "Number of Players"

2 FROM TEAMS ORDER BY number of players DESC;

	=		
		3	
		٩	
		ı	1

Team Name	Number of Players
Celtics	42
Rockets	25
Jets	10
Rovers	8



3. SELECT name AS "Team Name", number of players AS "Mumber of Players"

FROM TEAMS ORDER BY name DESC;

1, SELECT name AS "Team Name", number of players AS "Number of Players"

2 FROM TEAMS ORDER BY name DESC;

3

Team Name	Number of Players
Rovers	8
Rockets	25
Jets	10
Celtics	42



	PART 6:
	Part 1:
1.	SELECT ROWNUM AS "Customer Lumber", first_name 111" 11 last_name AS
	"Customer Name"
	FROM (SELECT first_name, last_name, FROM CUSTOMERS) WHERE POWNUM < 4;



```
1    SELECT ROWNUM AS "Customer Number", first_name || ' ' || last_name AS "Customer Name"
2    FROM (SELECT first_name, last_name FROM CUSTOMERS) WHERE ROWNUMK4;
3
```

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



	Port 2
1.	SELECT first_name AS "First Name", Tast_name AS "Last Name", commission_rate AS
	"Commission Rate"
	FROM SALES_REPRESENTATIVES
	WHERE commission_rate = : commission_rate OPDER BY last_name;

