

SESSION 2023/20204 SEMESTER 1

SECD2523 DATABASE

LAB EXERCISE: SQL DML 3

LECTURER NAME: DR. ROZILAWATI BINTI DOLLAH

SECTION:

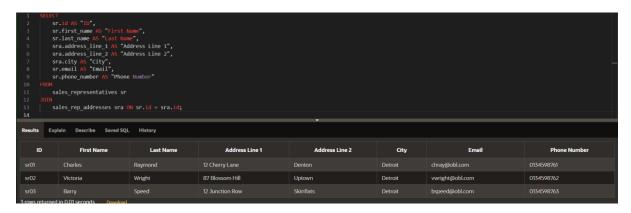
10

NAME:
MUHAMAD HAFIZ BIN MOHD FAUZI

MATRIC NO: A22EC0196

PART 1:

1.



PART 2:

1.

Item Number	Item Name	Description	Category	Color	Size	Start Date	Start Time	Price	End Date	End Time
im01101044	gloves	catcher mitt	clothing	brown		06/17/2017	09:00:00			
im01101045	under shirt	top worn under the game top	clothing	white		11/25/2016	09:00:00	14.99	01/25/2017	17:00:00
im01101045	under shirt	top worn under the game top	clothing	white			17:01:00			19:00:00
im01101045	under shirt	top worn under the game top	clothing	white		01/26/2017	09:00:00	15.99		
im01101046	socks	team socks with emblem	clothing	range		02/12/2017	12:30:00			
im01101047	game top	team shirt with emblem	clothing	range		04/25/2017	10:10:10	24.99		
im01101048	premium bat	high quaity basball bat	equipment				16:35:30		12/09/2023	18:01:31
im01101048	premium bat	high quaity basball bat	equipment			12/09/2023	18:04:19	99.99		

PART 3

1.

PART 4

Customer Number	Customer First Name	Customer Last Name	Customer Phone Number	Customer Email	Sales Representative ID	Sales Representative First Name	Sales Representative Last Name	Sales Representative Email	Team Name
c00001	Robert	Thornberry	01234567898	bob.thornberry@heatmail.com		Charles	Raymond	chray@obl.com	Rockets
c00101	John	Doe	03216547808	unknown@here.com	sr01	Charles	Raymond	chray@obl.com	Celtics
c01986	Maria	Galant	01442736589	margal87@delphiview.com		Barry	Speed	bspeed@obl.com	Rovers
s rows returned in	0.04 seconds Do	vnload							

PART 5

1.

Customer	Customer First	Customer Last	Customer Phone	Customer Email	Sales	Sales Representative	Sales Representative	Sales Representative	Team
Number	Name	Name	Number		Representative ID	First Name	Last Name	Email	Name
c00001	Robert	Thornberry	01234567898	bob.thornberry@heatmail.com		Charles	Raymond	chray@obl.com	Rockets

PART 6

```
1 SELECT
2 'The cost of the ' || i.name || ' on this day was ' || ph.price AS "Result"
3 FROM
4 items i
5 JOIN
6 price_history ph ON i.itm_number = ph.itm_number
7 WHERE
8 i.itm_number = 'im01101045'
9 AND TO_DATE('2016-12-12', 'YYYY-MM-DD') BETWEEN ph.start_date AND ph.end_date;
10

Results Explain Describe Saved SQL History

Result
The cost of the under shirt on this day was 14.99

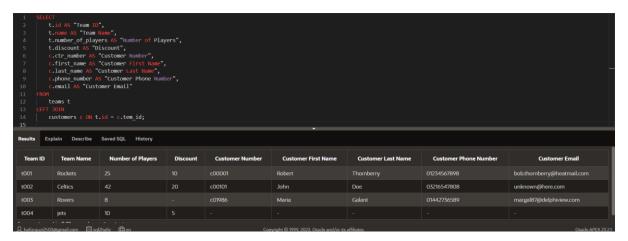
1 rows returned in 0.01 seconds Download
```

PART 1:

1.

```
rep.first_name || ' ' || rep.last_name AS "Rep",
sup.first_name || ' ' || sup.last_name AS "Supervisor"
           sales_representatives rep
       sales representatives sup ON rep.supervisor id = sup.id;
Results
          Explain
                                 Saved SQL
                     Describe
                                               History
                          Rep
                                                                                Supervisor
 Charles Raymond
                                                          Charles Raymond
 Victoria Wright
                                                          Charles Raymond
 Barry Speed
                                                          Charles Raymond
3 rows returned in 0.01 seconds
```

PART 2:



PART 3:

Customer Number	Customer First Name	Customer Last Name	Customer Phone Number	Customer Email	Sales Representative ID	Sales Representative First Name	Sales Representative Last Name	Sales Representative Phone Number	Sales Representative Email
c00001	Robert	Thornberry	01234567898	bob.thornberry@heatmail.com		Charles	Raymond	0134598761	chray@obl.com
c00012	Jennifer	Jones	01505214598	Jjones@freemail.com	sr01	Charles	Raymond	0134598761	chray@obl.com
c00101	John	Doe	03216547808	unknown@here.com		Charles	Raymond	0134598761	chray@obl.com
c00103	Andrew	Murcia	07715246890	MurciaA@globaltech.com	sr01	Charles	Raymond	0134598761	chray@obl.com
c01986	Maria	Galant	01442736589	margal87@delphiview.com		Charles	Raymond	0134598761	chray@obl.com
c02001	Brian	Rogers	01654564898	brianrog@hootech.com	sr01	Charles	Raymond	0134598761	chray@obl.com
c00001	Robert	Thornberry	01234567898	bob.thornberry@heatmail.com			Wright	0134598762	vwright@obl.com
c00012	Jennifer	Jones	01505214598	Jjones@freemail.com	sr02	Victoria	Wright	0134598762	vwright@obl.com
c00101	John		03216547808	unknown@here.com			Wright	0134598762	vwright@obl.com
c00103	Andrew	Murcia	07715246890	MurciaA@globaltech.com	sr02	Victoria	Wright	0134598762	vwright@obl.com