Lab 4

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Course: Outabook SECD >533

Section: 06

Section 6 lesson 9 Exercise 1: Joining Tables using Join

SQL4-DML3 Part 1

1. SELECT *

FROM sales_representatives NATURAL JOIN sales_rep_oddress;

ID	EMAIL	FIRST_NAME	LAST_NAME	PHONE_NUMBER	COMMISSION_RATE	SUPERVISOR_ID	ADDRESS_UNE_1	ADDRESS_LINE_2	ату	ZIP_CODE
sr01	chray@obl.com									DT48211
sr02	wright@obl.com			0134598762				Uptown	Detroit	DT52314
sr03	bspeed@obl.com									DT52564

2 SELECT id, first_name, last_name, address_line_1, address_line_2, city, email, phone_number FROM Jales _ representatives NATURAL JOIN sales_rep_addresses;

ID	FIRST_NAME	LAST_NAME	ADDRESS_LINE_1	ADDRESS_LINE_2	СПУ	EMAIL	PHONE_NUMBER
sr01	Charles	Raymond	12 Cherry Lane	Denton	Detroit	chray@obl.com	0134598761
sr02	Victoria	Wright	87 Blossom Hill	Uptown	Detroit	vwright@obl.com	0134598762
sr03	Barry	Speed	12 Junction Row	Skinflats	Detroit	bspeed@obl.com	0134598763

Part 1

1. SELECT id, first_name, last_name, address_line_1, address_line_2, city, email, phone_number FROM Jales _ representatives Join sales_rep_addresses; USING (id);

ID	FIRST_NAME	LAST_NAME	ADDRESS_LINE_1	ADDRESS_LINE_2	СТУ	EMAIL	PHONE_NUMBER
sr01	Charles	Raymond	12 Cherry Lane	Denton	Detroit	chray@obl.com	0134598761
sr02	Victoria	Wright	87 Blossom Hill	Uptown	Detroit	vwright@obl.com	0134598762
sr03	Barry	Speed	12 Junction Row	Skinflats	Detroit	bspeed@obl.com	0134598763

7. SELECT *

FROM items JOIN price_history

USING (itm-number);

										and the latest	
ITM_NUMBER	NAME	DESCRIPTION	CATEGORY	COLOR	Size	ILT_ID	START_DATE	START_TIME	PRICE	END_DATE	END_TIME
	premium bat	high quaity basball bat									
	under shirt	top worn under the game top								25-Jan- 2017	25-Jan- 2017
	under shirt	top worn under the game top								25-Jan- 2017	25-Jan- 2017
	under shirt	top wom under the game top								13-Dec- 2021	13-Dec- 2021
		team socks with emblem		range							
		team shirt with emblem									
	premium bat	high quality basball bat					31-May- 2017	31-May- 2017			

Part 3

1- SELECT c.ctr_number, c.first_name AS" CTR First_Name", c.last_name AS"CTR Last_Name", c.phone_number AS
"CTR Phone_Number", c.enail AS"CTR Email", s.id AS"SRE_ID", s.first_name AS"SRE First_Name", s.last_name AS "SRE Last_name, s.email AS " SRE Email" FROM customers c John sales-representatives s ON (C.2RE = 2.10);

Part 4

1. SELECT c.ctr_number, c.first_name AS" CTR First Name", c.last_name AS"CTR Last Name", c.phone_number AS
"CTR Phone Number", c.email AS"CTR Email", s.id AS"SRE_10", s.first_name AS"SRE First Name", s.last_name
AS "SRE Last name, s.email AS "SRE Email", t. name AS "TEAM NAME"
FROM customers c Join sales_representatives s
ON (C.SRE = S.10)
JOIN teams t
ON (C.tem_id = t.id);

Results Explain Describe Seved SQL History										
CTR_NUMBER	CTR First Name	CTR Last Name	CTR Phone Number	CTR Email	SRE_ID	SRE First Name	SRE Last Name	SRE EMail		
	Robert			bob.thomberry@heatmail.com				chray@obl.com		
c00101	John	Doe	05216547808	unknown@here.com	sr01	Charles	Raymond	chray@obl.com		
	Maria			margal87@delphiview.com		Barry	Speed	bspeed@obl.com		

Parf 5

| SELECT c.ctr_number, c.first_name AS" CTR First_Name", c.last_name AS" CTR Last Name", c.phone_number AS
"CTR Phone Number", c.email AS" CTR Email", s.id AS" SRE_ID", c.first_name AS" SRE First Name", s.last_name
AS "SRE Last name, s.email AS "SRE Email", t. name AS" TEAM NAME"

FROM customers c Join sales_representatives s

ON (C.SRE = S.ID);

JOIN teams t
ON (C.tem_id = t.id)

WHERE c.ctr_number = C0001';

CTR_NUMBER	CTR First Name	CTR Last Name	CTR Phone Number	CTR Email	SRE_ID	SRE_First Name	SRE Last Name	SRE EMail	Team Name
c00001	Robert	Thomberry	01254567898	bob.thomberry@heatmeil.com	sr01	Cherles	Raymond	chray@obl.com	Hockets
c00101	John .	Doe	05216547808	unknown@here.com	se01	Charles	Raymond	chray@obl.com	Celtics
c01986	Maria	Gelent	01442736589	margal87@delphrview.com	9:03	Berry	Speed	bspeed@abl.com	Rovers

Part 6

[-SELECT `The cost of the `|| i. name || 'on this day was '|| p. price AS `Item Details" FROM items i JOMN price_history p
ON i.itm_number = `im01101045';
WHERE (`12/12/2016' BETWEEN p. startdate AND p. end_date);

ITEM DETAILS

The cost of the under shirt on this day was 14.99

SQL4-DML3 Part 2

Part 1

1. SELECT r. first_name 11' | 1 r. last_name AS "Rep", s. first_name 11' | 1 s. last_name AS "Supervisor" FROM sales_representatives r John sales_representatives s
on (r. supervisor_id = s.id);



Part 2

I. SELECT *

FROM teams + RIGHT OUTER JOHN customer C ON (t.id = c.tem_id);

ID	NAME	NUMBER OF PLAYERS	DISCOUNT	CTR_NUMBER	EMAIL	FIRST_NAME	LAST_NAME	PHONE NUMBER	CURRENT_BALANCE	SRE_ID	TEMUID	LOYALTY_CARD_NUMBER
												lo4587
1001												
+5												Ic1015
1902												*
20												1:2341
1003	Rovers				margal87@delphiview.com							

<u>Aut 3</u>

1. SELECT *

From customers

CROSS JOIN sales_representatives;

CTR_NUMBER	DMAE	HIST_NAME	LAST_NAME	PHONE NUMBER	CURRENT_BALANCE	98,10	TIM, ID	LOUNLTY_CARD_NUMBER	DMAL	REST_NAME	LAST_NAME	PHONE NUMBER	COMMIS
c02001													
£00001													
c9001Z													
c00101													
c00133													
c01905													
e02001													
c00001													
c00012													
c00101													
c00133													
c01900													
z02001													
c00001													
c90012													
±00101													
c00133													
c01906													