	No.:		Date:
,	Manage when posterior between the posterior and	tin sugali	
	Name: Nur Balqis Batrisyia Binti Said	sin Syazii	
	MOTTIC NO: B23CSOOGE		
	Date: 9/11/2023		174-111-1
	Title : Lab Exercise 2 (SQL2: DN		
and the	par at amendia sast (2204)	PER TOUT TOUT LAND OF	the trace ()
	Section 6 Lesson 4 Exercise 1:	<u>Data Manipulation Lang</u>	guage
(14-431 45-164-17	00:00 110	ar -y m-Es
5	Part 1: Running a script to popu	late the tables	10 4011 24
	_	00:0012	
	- There is no error occurs	00:03:41	VI 334-51
		01:01:01	
	Part 2 : Inserting rows to the sys		
<u> </u>	79.12		€ 10 TABLES
· ·) INSERT INTO trams (Td, name, numb	et of niquers discoun	t) or strate / L
	VALUES ('+004, ' Jets', 10, 5);		
		9MBT MIT THEY GOLD	
			d
	Output: 1 row(s) inserted	177 SECTOTORY - INDICE	
) INSERT INTO customers (ctr. number	, email, first_name, last. ard_number)	_hame,phone_numb
) INSERT INTO customers (ctr. number current balance, loyalty-co	, email, first_name, last. ard_number) otech.com', 'Brian', 'Roge	_name, phone_numb
) INSERT INTO customers (ctr_number current_balance, loyalty-convalues ('c02001', briantag@ho	, email, first_hame, last. ard_number) otech.com', Brian', Roge	_hame, phone_numb
) INSERT INTO customers (ctr. number current balance, loyalty-co	email, first-name, last- ard-number) otech-com', Brian', Roge	
v +00 gas) INSERT INTO customers (ctr_number current_balance, loyalty-conversed current_balance, loyalty-conversed current_balance, loyalty-conversed current_balance, loyalty-conversed current_balance, loyalty-conversed current cur	email, first-name, last. Ord-number) Otech-com', 'Brian', 'Roge	
. 100 BA) INSERT INTO customers (ctr_number current_balance, loyalty-conversed current_balance, loyalty-conversed current_balance, loyalty-conversed current_balance, loyalty-conversed current_balance, loyalty-conversed current cur	email, first-name, last- ard-number) otech-com', 'Brian', 'Roge	_hame, phone_numb
) INSERT INTO customers (ctr. number current_balance, loyalty-continues ('c02001', briantog@ho-5, '1c4587'); Output: 1 row(s) inserted) uppate customers	email, first-name, last. Ord-number) otech-com', Brian', Roge	_hame, phone_numb
) INSERT INTO customers (ctr_number current_balance, loyalty-convers (ctr_number to the current_balance, loyalty-convers (ctr_number to the customers); Output: 1 row(s) inserted) uppate customers SET current_balance = 50	email, first-name, last- ard-number) otech-com', 'Brian', 'Roge and and mali (1) and	
. 100 BA) INSERT INTO customers (ctr_number current_balance, loyalty-continues (contrent_balance, loyalty-contrent); Output: 1 row(s) inserted Output: 1 row(s) inserted SET current_balance = 50 WHERE ctr_number = 'co2001';	email, first-name, last. Ord-number) otech-com, Brian, Roge sold and Modification Here sold and modification	_hame, phone_numb
. 100 BA) INSERT INTO customers (ctr_number current_balance, loyalty-convers (ctr_number current_balance, loyalty-convers customers Output: I raw(s) inserted) uppate customers SET current_balance = 50 where ctr_number = 'cozooi';	email, first-name, last. Ord-number) otech-com', Brian', Roge Aller and Mali Free and July	
) INSERT INTO customers (ctr_number current_balance, loyalty-convers (ctr_number values ('c02001', briantog @ hotologe balance); Output: 1 row(s) inserted) uppate customers SET current_balance = 50 where ctr_number = 'c02001'; Output: 1 row(s) updated	email, first-name, last. Ord-number) otech-com', Brian', Roge allow and Madi (1) a	
) INSERT INTO customers (ctr_number current_balance, loyalty-convers (ctr_number values ('c02001', briantog@ho-5, '1c4587'); Output: 1 raw(s) inserted) uppate customers SET current_balance = 50 WHERE ctr_number = 'c02001'; Output: 1 raw(s) updated	email, first-name, last. Ord-number) otech-com, Brian, Roge All All All All All All All All All Al	- hame, phone_numb
) INSERT INTO customers (ctr_number current_balance, loyalty-convers (ctr_number values ('c02001', briantog @ hotologe balance); Output: 1 row(s) inserted) uppate customers SET current_balance = 50 where ctr_number = 'c02001'; Output: 1 row(s) updated	email, first-name, last. Ord-number) otech-com', Brian', Roge allow and Madi (1) a	
) INSERT INTO customers (ctr_number current_balance, loyalty-convers (ctr_number values ('c02001', briantog@ho-5, '1c4587'); Output: 1 row(s) inserted) uppate customers SET current_balance = 50 where ctr_number = 'c02001'; Output: 1 row(s) updated	email, first-name, last. Ord-number) otech-com, Brian, Roge allow and Masi (1- sales and American and Allow Here allows and Allow From the sales and allow From the sales and allow From the sales and and allow From the sales and allow From the sal	- hame, phone_numb
. 100 BA) INSERT INTO customers (ctr_number current_balance, loyalty-convers (ctr_number values ('c02001', briantog @ hotels ('c02001', briantog @ hotels ('c02001'); Output: I row(s) inserted) uppate customers SET current_balance = 50 where ctr_number = 'c02001'; Output: I row(s) updated	email, first-name, last. Ord-number) Otech-com', Brian', Roge Now one mail that Free alleness of the mail that the mail	- hame, phone_numb
. 100 BA) INSERT INTO customers (ctr_number current_balance, loyalty-convers (ctr_number values ('c02001', briantog @ hotels ('c02001', briantog @ hotels ('c02001'); Output: I row(s) inserted) uppate customers SET current_balance = 50 where ctr_number = 'c02001'; Output: I row(s) updated	email, first-name, last. Ord-number) otech-com, Brian, Roge allow and Masi (1- sales and American and Allow Here allows and Allow From the sales and allow From the sales and allow From the sales and and allow From the sales and allow From the sal	- hame, phone_numb
. 100 BA) INSERT INTO customers (ctr_number current_balance, loyalty-convers (ctr_number values ('c02001', briantog @ hotels ('c02001', briantog @ hotels ('c02001'); Output: I row(s) inserted) uppate customers SET current_balance = 50 where ctr_number = 'c02001'; Output: I row(s) updated	email, first-name, last. Ord-number) Otech-com', Brian', Roge Now one mail that Free alleness of the mail that the mail	- hame, phone_numb
) INSERT INTO customers (ctr_number current_balance, loyalty-convers (ctr_number values ('c02001', briantog @ hotels ('c02001', briantog @ hotels ('c02001'); Output: I row(s) inserted) uppate customers SET current_balance = 50 where ctr_number = 'c02001'; Output: I row(s) updated	email, first-name, last. Ord-number) Otech-com', Brian', Roge Now one mail that Free alleness of the mail that the mail	- hame, phone_numb
. 100 BA) INSERT INTO customers (ctr_number current_balance, loyalty-convers (ctr_number values ('c02001', briantog @ hotels ('c02001', briantog @ hotels ('c02001'); Output: I row(s) inserted) uppate customers SET current_balance = 50 where ctr_number = 'c02001'; Output: I row(s) updated	email, first-name, last. Ord-number) Otech-com, Brian, Roge Allow and Masi (1-4) Sales and Thate Here allowed water Here	- hame, phone_numb
. 100 BA) INSERT INTO customers (ctr_number current_balance, loyalty-convers (ctr_number values ('c02001', briantog @ hotels ('c02001', briantog @ hotels ('c02001'); Output: I row(s) inserted) uppate customers SET current_balance = 50 where ctr_number = 'c02001'; Output: I row(s) updated	email, first-name, last. Ord-number) Otech-com, Brian, Roge Allow and Masi (1-4) Sales and Thate Here allowed water Here	- hame, phone_numb



®bazic⁻

	Section 6 Lesson 4 Exercise 2: Data Manipulation Language							
	Part 1: updating rows to the system							
	,	(Isan t	173) 1	van taal do	0:9111			
1)	START_DATE	TO_CHAR (START_TIME "H24:M1:SS")	PRICE	ENDLDATE	TO_CHARCEND_TIME,			
	17-JUN-17	1: Lett. 00:00: Po n Lang	4.99	1102 118	Ditast			
	35-NOV-16	09:00:00	14-99	25-JAN-17	17:00			
	25-JAN- 17	17:01:00 91010929	8 99	25-JAH-17	19:00			
	26-JAN-17	09:00:00	15.99					
	12-FEB-17	12:30:00	PP. T	10170 on 8	Pladi-			
¥~7.	25-APR-17	10:10:10	-24.99	_	-			
	31-MAY- 17	16:35:30 0191302 94	149	on (Tit 1920	FOLLS			
21	UPDATE DE	celhistory 2794019 To 19dmun	giana. bi) PMD21 07	INTERNIT			
		(6-mistold	21.1-1.01	. /	111			
	1		= 01 3) 2451AV			
	SET end-da	HE = SYSDATE,	5,10,5		VINLOFE (
	SET_end_da	HE = SYSDATE,		HOL4, LOOK				
ે કે મોડાદા.	SET end-da end-tim where itm- Output: 1 r	t-date, TO CHAR(Start-time, HH24:	2119mit	nully and	HILL TOUCHAR CEN			
93 a uji.	SET end-da end-tim where itm-	t-date, TO CHARCSTORT - () 10 = SYSDATE - number = 'imoliolo48' AND end- (1) diama (1	2119mit	NULLÍVAL I PIEMBRO OL	HILLIAND (S			
) તે મોડલા.	SET end_da end_tim where itm- Output: 1 c SELECT star time, HH2s	t-date, TO CHARCSTORT - () 10 = SYSDATE - number = 'imoliolo48' AND end- (1) diama (1	2119mit	NULL JOSE 1	: funding			
ને મોડલાં.	SET end-da end-tim where itm- Output: 1 r SELECT star time, HH2: FROM pric	t-date, TO CHAR(STORT - time, HH24:	+ime: IS	NULLY 21 1 Price, end of the second of the	HILLIAND (S			
रंगा⊒ा.	SET end-da end-tim where itm- Output: 1 r SELECT star time, HH2: FROM pric	te = SYSDATE, ne = SYSDATE number = 'imoliolo48' AND end= ow(s) updated the transport of	+ime: IS	NULLY 21 1 Price, end of the second of the	: fugted : fugted : fugted : fugted : fugted : fugted : fugted			
d dug.	SET end-da end-tim where itm- Output: Ir SELECT star time, HH2: FROM pric	te = SYSDATE, ne = SYSDATE number = 'imoliolo48' AND end- ow(s) updated Horas Todame (Todame bros-vill t-date, To CHAR(START-TIME, HH24: MI:SS') TO_CHAR(START-TIME, HH24: MI:SS')	Hime IS	NULLY 21 1 Price, end of the second of the	TO_CHAR(CHHZA:MC)			
d nugr.	SET end-da end-tim where itm- Output: 1 r SELECT star time, HH2: FROM pric	te = SYSDATE, ne = SYSDATE number = 'imoliolo48' AND end= ow(s) updated	Hime IS MI:SS')	NULL JOST 1 PRICE, END-DATE	TO_CHAR(CHAR(END_TIME,))			
ત્રાં⊔ા.	SET end_da end_tim where itm- Output: I r SELECT star time, HH2: FROM pric START_DATE 17-JUN-17 25-NOV-16	te = SYSDATE, Te = SYSDATE To moniorate AND end- (1) diama bras rediama (1) diama bras rediama (1) diama bras rediama (2) diama bras rediama (3) diama bras rediama (4) diama bras rediama (4) diama bras rediama (5) diama bras rediama (1) diama bras rediama (2) diama bras rediama (3) diama bras rediama (4) diama bras rediama (5) diama bras rediama (6) diama bras rediama (7) diama bras rediama (8) di	+ime IS MI:SS'), PRICE 4-99	NULLY TIL	TO_CHAR(CHHZA; MC)			
d nugr.	SET end-da end-tim where itm- Output: I r SELECT star time, HH2: FROM Pric START-DATE 17-JUN-17 25-NOV-16 25-JAN-17	TO_CHAR(START_TIME, 'HH24: MI:SS') Oq: OO: OO IT: OI: OO	PRICE 4-99 14-99	NULLY TIL	TO_CHAR(CHHZA; MC)			
d nugr.	SET end_da end_tim where itm- Output: I r SELECT star time, HH2: FROM pric START_DATE 17-JUN-17 25-NOV-16 25-JAN-17 26-JAN-17	TO_CHAR(START_TIME, 'HH24: MI:SS') Oq: Oo: Oo Oq: Oo: Oo Oq: Oo: OO Oq: Oo: OO	PRICE 4:99 14:99 15:99	NULLY TIL	TO_CHAR(CHHZA; MC)			

16:24:15 99 99		No.:				Date:			
Cend_time, 'HH24:MI') FROM price_history START_DATE TO_CHAR(START_TIME; MH24:MI:SS) PRICE END_DATE TO_CHAR Oq. NOV_33	5	SELECT	Stork data TO-CHAR (Sto	rt_timp. HH2	4:M1:SS)	orice, end_dat	Q,TO_CH		
START_DATE TO_CHAR_(STAR_TIME_HH=24:MISS) PRICE END_DATE TO_CHAR_OPERATE		·							
START_DATE TO_CHAR(STAKT_TIME; HH=2+:M1:SS) PRICE END_DATE TO_CHAR Oq-NOV_33									
09-NOV-33 16-24:15 99-99 17-JUN-17 09:00:00 4-99 - 35-NOV-16 09:00:00 14-99 - 35-JAN-17 17:01:00 8-99 - 36-JAN-17 09:00:00 15-99 - 12-FEB-17 12:30:00 7-99 - 31-MRY-17 16:35:30 149 09-NOV-23 0 Part 2: Deleting rows from the system 1) Delete From customers_addresses WHERE address_line_1 = 83 Barrhill Drive; 0 utput: I row(s) deleted 2) Select * From customers_addresses; ID ADDRESS_LINE_1 ADDRESS_LINE_2 CITY 21		TROM price _ history,							
09-NOV-23 16:24:15 99-99 17-JUN-17 09:00:00 4-99 - 25-JAN-17 17:01:00 8-99 25-JAN-17 17:01:00 8-99 25-JAN-17 17:01:00 15-99 - 26-JAN-17 10:10:10 25-98-17 10:10:10 25-98-17 10:10:10 25-98-17 10:10:10 25-98-17 10:10:10 25-98-17 10:10:10 25-98-17 10:10:10 25-98-17 10:10:10 25-99 25-JAN-17 10:10:10 25-99 - 25-JAN-17 10:10:10 25-JAN-17 10:	-		TO CHAD CATALL LINE, HHST.W	וויפלו מפורב	END_DATE	TO_CHAR(END_	TIME,)		
17-JUN-17					-	-	EML.		
15-NOV-16					-	-			
25-JAN-17 17:01:00 8:09 35-JAN-17 17:01:00 26-JAN-17 09:00:00 15:09 - 12-FEB-17 12:30:00 7:09 - 35-APR-17 10:10:10 24:09 - 31-MAY-17 16:35:30 140 09-NOV-23 0 Part 2: Deleting rows from the system 1) DELETE FROM customers_addresses WHERE address_line_1 = 83 Garrhill Drive; 0 utput: 1 row(s) deleted 2) SELECT * FROM customers_addresses; ID ADDRESS_LINE_1 ADDRESS_LINE_2 CITY 21 caolo1 17 Gartsquare Road Starford Liverpool Liverpool 1 caolo2 54 Ropehill Crescent Georgetown star 5: caolo4 36 watercress Lane - Jump J					-25-JAN-17	17:00			
10 17 17 18 18 18 18 18 18						14:00			
12-FEB-17					7 -	-			
25-APR-17 10:10:10 24 99 Part 2: Deleting rows from the system 1) Delete From customers_addresses WHERE address_line_1 = 83 Barrhill Drive; Output: Irow(s) deleted 2) Select * From customers_addresses; ID Address_line_1 Address_line_2 City Zity caoio2 I7 Gartsquare Road Starford Liverpool L caoio3 54 Ropehill Crescent Georgetown Star Stary caoio4 36 watercress Lane — Jump J				7-99	-	-			
DELETE FROM customers_addresses			10:10:10	<i>-2</i> 4 99	-	-			
Part 2: Deleting rows from the system 1) DELETE FROM customers_addresses WHERE address_line_1 = '83 Barrhill Drive'; Output: Irow(s) deleted 2) SELECT * FROM customers_addresses; ID ADDRESS_LINE_1 ADDRESS_LINE_2 CITY Zi caoio2 I7 Gartsquare Road Starford Liverpool Liverpool Caoio3 54 Ropehill Crescent Georgetown Star Starford Caoio4 36 watercress Lane - Jump J	<u> </u>			149	09-40/-13	07:50			
1) DELETE FROM customers_addresses WHERE address_line_1 = 83 Barrhill Drive; Output: Irow(s) deleted 2) SELECT * FROM customers_addresses; ID ADDRESS_LINE_1 ADDRESS_LINE_2 CITY ZI caoio2 I7 Gartsquare Road Starford Liverpool Liverpool Caoio3 54 Ropehill Crescent Georgetown star Starbord Caoio4 36 watercress Lane - Jump J				×					
Output: Irow(s) deleted 2) SELECT * FROM customers_addresses; ID ADDRESS_LINE_I ADDRESS_LINE_2 CITY ZI caoio2 I7 Gartsquare Road Starford Liverpool L caoio3 54 Ropehill Crescent Georgetown Star Starford Caoio4 36 watercress Lane - Jump J		Part 2 : 5	peleting rows from the	system					
Output: I row(s) deleted 2) SELECT * FROM customers_addresses; ID ADDRESS_LINE_I ADDRESS_LINE_2 CITY ZI caoio2 I7 Gartsquare Road Starford Liverpool L caoio3 54 Ropehill Crescent Georgetown Star Starford Caoio4 36 watercress Lane - Jump J									
Output: Iraw(s) deleted 2) SELECT * FROM customers_addresses; ID ADDRESS_LINE_I ADDRESS_LINE_2 CITY ZI caoio2 I7 Gartsquare Road Starford Liverpool Liverpool Caoio3 54 Ropehill Crescent Georgetown Star Starford Caoio4 36 watercress Lane - Jump J	1,	DELETE F	ROM customers_address	es ,					
ID ADDRESS_LINE_I ADDRESS_LINE_2 CITY ZI caoio2 17 Gartsquare Road Starford Liverpool L caoio3 54 Ropehill Crescent Georgetown Star Star caoio4 36 watercress Lane - Jump 3		WHERE C	D8 68 = 1-9011-22916bk	itrhill Drive;					
ID ADDRESS_LINE_I ADDRESS_LINE_2 CITY ZI caoio2 17 Gartsquare Road Starford Liverpool L caoio3 54 Ropehill Crescent Georgetown Star Star caoio4 36 watercress Lane - Jump 3									
ID ADDRESS_LINE_I ADDRESS_LINE_2 CITY ZI caoio2 17 Gartsquare Road Starford Liverpool L caoio3 54 Ropehill Crescent Georgetown star Star caoio4 36 watercress Lane - Jump J		Output	: Irow(s) deleted						
ID ADDRESS_LINE_I ADDRESS_LINE_2 CITY ZI caoio2 17 Gartsquare Road Starford Liverpool L caoio3 54 Ropehill Crescent Georgetown star Star caoio4 36 watercress Lane - Jump J				11. 6					
caoio2 17 Gartsquare Road Starford Liverpool L caoio3 54 Ropehill Crescent Georgetown Star Star caoio4 36 watercress Lane - Jump J	. 1	SELECT * FROM customers_addresses;							
caoio2 17 Gartsquare Road Starford Liverpool L caoio3 54 Ropehill Crescent Georgetown star Star caoio4 36 watercress Lane - Jump J			***		CITY	ZIP_CODE	CTR_JUM		
caoios 54 Ropehill Crescent Georgetown star 50 caoios 36 watercress Lane - Jump J							(0000)		
caoio4 36 watercress Lane - Jump J		CQ0102							
cultof 36 watercress carre	_	CQOIO3					C0010		
							COIGS		
cq0105 63 Acacia Drive Skins Liverpool L		CQ0105	63 Acacia Drive	Skins	Liverp	DOI LP837HR	(0000		
						2.1			
21									
		4							
		-							