

Assignment #3

Due Date: 3/27/2022 (11.59PM)

Purpose: The purpose of this assignment is to help you:

- To run Join query and other operation on Bike Database
- Understand SQL query

Instructions: Be sure to read the following general instructions carefully:

This assignment should be completed individually by all the students. Submit your solution through the dropbox,

Your submission should include sql command and the screenshot of command execution result, the submission must be named according to the following rule:

studentID(yourlastname)_Assignment#number.doc
e.g., 300123456(smith)_Assignemt#1.doc.

Write both the output table and the query in the solution (NO POINTs WILL BE ALLOCATED IF QUERY OR TABLE ARE MISSING)

TOTAL: 15 points

Part-A) 8 points

- 1) Write the join query to produce following table from bike database (2 point)
(note here: first_name and last_names of customers)

	FIRST_NAME	LAST_NAME	CUSTOMER_ID	SHIPPED_DATE
1	Sharie	Alvarez	327	16-03-17
2	Bettie	Glover	328	17-06-27
3	Marilyn	Frank	329	17-04-19
4	Sheba	Knapp	330	18-03-20
5	Aleta	Mack	331	16-08-22
6	Reena	Higgins	332	16-04-01
7	Ami	McMahon	333	17-11-13

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- 2) Write the join query to produce following table from bike database (2 point)
(note here: first_name and last_names of staff)

	FIRST_NAME	LAST_NAME	CUSTOMER_ID	SHIPPED_DATE
1	Fabiola	Jackson	(null)	(null)
2	Mireya	Copeland	1214	18-01-17
3	Mireya	Copeland	253	18-01-24
4	Mireya	Copeland	1186	18-02-03
5	Mireya	Copeland	983	18-02-04
6	Mireya	Copeland	1254	18-02-11
7	Mireya	Copeland	109	18-03-02
8	Mireya	Copeland	300	18-03-07
9	Mireya	Copeland	1231	18-03-07
10	Mireya	Copeland	1445	18-03-10
11	Mireya	Copeland	518	18-03-16
12	Mireya	Copeland	3	18-03-29
13	Mireya	Copeland	302	18-04-02
14	Mireya	Copeland	31	(null)
15	Mireya	Copeland	81	(null)

- 3) Write the join query to produce following table from bike database (2 point)
(note here : first_name and last_names of staff)

	FIRST_NAME	LAST_NAME	CUSTOMER_ID	SHIPPED_DATE
1	Mireya	Copeland	532	17-01-05
2	Marcelene	Boyer	512	17-01-05
3	Venita	Daniel	1302	17-01-06
4	Marcelene	Boyer	550	17-01-07
5	Marcelene	Boyer	1093	17-01-07
6	Genna	Serrano	673	17-01-08
7	Venita	Daniel	847	17-01-10
8	Genna	Serrano	901	17-01-11
9	Marcelene	Boyer	439	17-01-10
10	Marcelene	Boyer	1199	17-01-10
11	Mireya	Copeland	975	17-01-11
12	Venita	Daniel	283	17-01-11
13	Marcelene	Boyer	684	17-01-11
14	Genna	Serrano	1153	17-01-13
15	Mireya	Copeland	729	17-01-12
16	Venita	Daniel	190	17-01-13
17	Layla	Terrell	985	17-01-13

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- 4) Write the join query to produce following table from bike database (2 points)
(note here : THREE TABLE JOIN)

	Customer_Name	ORDER_ID	CUSTOMER_ID	ORDER_DATE	STAFF_NAME
1	BrigidSharp	1348	1214	18-01-15	MireyaCopeland
2	MauriceNorton	1358	253	18-01-21	MireyaCopeland
3	KieshaBond	1376	1186	18-02-01	MireyaCopeland
4	MargueriteBerger	1378	983	18-02-02	MireyaCopeland
5	DungReid	1386	1254	18-02-09	MireyaCopeland
6	MonicaSears	1411	109	18-03-01	MireyaCopeland
7	RayfordSimon	1417	300	18-03-04	MireyaCopeland
8	SeleneVega	1423	1231	18-03-06	MireyaCopeland
9	EsterAcevedo	1424	1445	18-03-07	MireyaCopeland
10	HomerPowers	1437	518	18-03-15	MireyaCopeland
11	TamekaFisher	1468	3	18-03-27	MireyaCopeland
12	HaydenCross	1473	302	18-03-30	MireyaCopeland
13	WilliemaeHolloway	1497	31	18-04-06	MireyaCopeland
14	ZinaBonner	1498	81	18-04-06	MireyaCopeland
15	LuzHouse	1499	120	18-04-06	MireyaCopeland
16	ElviraBerk	1504	227	18-04-08	MireyaCopeland

Part-B) 7 points

- 1) List all the customers names who ordered from store_id=2 (2 points)
- 2) List all staff names with discount > 0.05 Note: required reference to multiple tables (2 points)
- 3) Show your system privileges (1 point)
- 4) write the query to provide system and object privileges to the users (1 point)
- 5) Write a query to generate roles with five privileges. (1 point)\