

University of the Cordilleras  
College of Information Technology and Computer Science  
SQL Individual Lab Activity No. 5

ICS 5 Lab - Section 2A – 5:30 – 6:45 MWF

Populating data to all database tables (continuation)

**IMPORTANT: DO NOT proceed to this activity yet when Activity 4 is not yet finished. Let your instructor check the previous lab activities first before doing this activity.**

Activity:

1. Open the Xampp Control Panel and start the MySQL module.
2. Open Windows Command Prompt and access the MySQL Module using the user account `root@localhost`.
3. Once inside MySQL prompt, use the database `BUS_DB_TerminalNo` that was already created.
4. Alter the ROUTE table by changing the ROUTE\_SCHEDULE column's data type from DATE to TIME.
5. Alter the TICKET table by changing the TICKET\_TYPE column's length from 20 to 20.
6. Populate the **DRIVER, ROUTE, TICKET, TRIP, ASSIGNMENT and TICKET\_DETAILS** tables with the data tables below. Use the INSERT INTO command to input the following data. Research on the internet the correct format on how to insert DATE and TIME data types.

**DRIVER TABLE DATA**

DRIVER_ID	DRIVER_FNAME	DRIVER_LNAME	DRIVER_BDATE
201432	JOHN	SMITH	May 20, 1967
201433	PHILIP	JONES	June 4, 1970
201434	REY	WILLIAMS	December 25, 1973
201435	EDWARD	TAYLOR	January 14, 1965
201436	RON	DAVIES	December 7, 1958
201437	JUAN	EVANS	July 7, 1978
201438	TEODORO	THOMAS	February 19, 1971
201439	DENNIS	JOHNSON	March 11, 1977
201440	RANDOLPH	ROBERTS	July 19, 1976
201441	EUGENE	WALKER	February 1, 1979
201442	BRIAN	WRIGHT	April 7, 1972
201443	FRANK	ROBINSON	June 12, 1973
201444	MOISES	THOMPSON	April 30, 1969
201445	NELSON	DAVIES	September 30, 1971
201446	JAY	WILLIAMS	July 4, 1967

**ROUTE TABLE DATA**

ROUTE_NO	ROUTE_ORIGIN	ROUTE_DESTINATION	ROUTE_SCHEDULE
100	MANILA	BAGUIO	1:30:00
101	MANILA	OLONGAPO	2:30:00
102	MANILA	DAGUPAN	3:30:00
103	MANILA	LEGASPI	4:30:00
104	MANILA	AROROY	5:30:00
105	MANILA	NAGA	6:30:00
106	MANILA	MASBATE	7:30:00
107	MANILA	SORSOGON	8:30:00

108	MANILA	BANGUED	9:30:00
109	MANILA	VIGAN	10:30:00
110	MANILA	SAN FERNANDO	11:30:00
111	MANILA	LAOAG	12:30:00
112	MANILA	CANDON	13:30:00
113	MANILA	TUGUEGARAO	14:30:00
114	MANILA	CAUAYAN	15:30:00

#### TICKET TABLE DATA

TICKET_ID	TICKET_TYPE	TICKET_PRICE
1	REGULAR MNL-BAG	750.00
2	STUDENT MNL-BAG	600.00
3	SENIOR MNL-BAG	510.00
4	CHILD MNL-BAG	375.00
5	REGULAR MNL-OLO	350.00
6	STUDENT MNL-OLO	280.00
7	SENIOR MNL-OLO	238.00
8	CHILD MNL-OLO	175.00
9	REGULAR MNL-DAG	500.00
10	STUDENT MNL-DAG	400.00
11	SENIOR MNL-DAG	340.00
12	CHILD MNL-DAG	250.00
13	REGULAR MNL-LEG	1100.00
14	STUDENT MNL-LEG	880.00
15	SENIOR MNL-LEG	748.00
16	CHILD MNL-LEG	550.00
17	REGULAR MNL-ARO	1200.00
18	STUDENT MNL-ARO	960.00
19	SENIOR MNL-ARO	816.00
20	CHILD MNL-ARO	600.00
21	REGULAR MNL-NAG	1300.00
22	STUDENT MNL-NAG	1040.00
23	SENIOR MNL-NAG	884.00
24	CHILD MNL-NAG	650.00
25	REGULAR MNL-MAS	1400.00
26	STUDENT MNL-MAS	1120.00
27	SENIOR MNL-MAS	952.00
28	CHILD MNL-MAS	700.00
29	REGULAR MNL-SOR	1500.00
30	STUDENT MNL-SOR	1200.00
31	SENIOR MNL-SOR	1020.00
32	CHILD MNL-SOR	750.00
33	REGULAR MNL-BAN	850.00
34	STUDENT MNL-BAN	680.00
35	SENIOR MNL-BAN	578.00
36	CHILD MNL-BAN	425.00
37	REGULAR MNL-VIG	950.00
38	STUDENT MNL-VIG	760.00
39	SENIOR MNL-VIG	646.00
40	CHILD MNL-VIG	475.00

41	REGULAR MNL-SAN	700.00
42	STUDENT MNL-SAN	560.00
43	SENIOR MNL-SAN	476.00
44	CHILD MNL-SAN	350.00
45	REGULAR MNL-LAO	1100.00
46	STUDENT MNL-LAO	880.00
47	SENIOR MNL-LAO	748.00
48	CHILD MNL-LAO	550.00
49	REGULAR MNL-CAN	850.00
50	STUDENT MNL-CAN	680.00
51	SENIOR MNL-CAN	578.00
52	CHILD MNL-CAN	425.00
53	REGULAR MNL-TUG	1200.00
54	STUDENT MNL-TUG	960.00
55	SENIOR MNL-TUG	816.00
56	CHILD MNL-TUG	600.00
57	REGULAR MNL-CAU	850.00
58	STUDENT MNL-CAU	680.00
59	SENIOR MNL-CAU	578.00
60	CHILD MNL-CAU	425.00

#### TRIP TABLE DATA

TRIP_NO	BUS_NO	ROUTE_NO
5012362017	26410	110
5012362018	26410	110
5012362019	16491	100
5012362020	46126	107
5012362021	20002	111
5012362022	20526	103
5012362023	46126	107
5012362024	20526	103
5012362025	46126	107
5012362026	20526	103
5012362027	20526	103
5012362028	26410	110
5012362029	46126	107
5012362030	20526	103
5012362031	16491	100

#### ASSIGNMENT TABLE DATA

ASSIGNMENT_NO	DRIVER_ID	TRIP_NO
90523	201440	5012362017
90524	201441	5012362018
90525	201446	5012362019
90526	201433	5012362020
90527	201439	5012362021
90528	201440	5012362022
90529	201441	5012362023
90530	201438	5012362024
90531	201434	5012362025

90532	201439	5012362026
90533	201441	5012362027
90534	201444	5012362028
90535	201433	5012362029
90536	201439	5012362030
90537	201441	5012362031

#### TICKET\_DETAILS TABLE DATA

TICKET_NO	PASSENGER_ID	TICKET_ID	TRIP_NO
35689	1000562314	1	5012362019
35690	1000562315	1	5012362031
35691	1000562316	13	5012362022
35692	1000562317	14	5012362024
35693	1000562318	14	5012362026
35694	1000562319	13	5012362027
35695	1000562320	15	5012362030
35696	1000562321	29	5012362020
35697	1000562322	42	5012362017
35698	1000562323	47	5012362021

- Exit from mysql and make sure you are in C:\xampp\mysql\bin.
- Save a backup of your database in Drive Z by typing **mysqldump -u foo-2a2t1718 -p BUS\_DB\_TerminalNo > Z:\LastName\_FirstName\_Act5.sql**
- Enter the password when prompted.
- Check your drive Z to verify if you have successfully saved a backup of your database.