Practical Skills for Databases - Lab Tasks (5-8) 2020/21 by Student Name	Banner ID
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You must complete the lab tasks below and demonstrate evidence (by viewing this document, your database and/or answering questions asked by your Tutor) that you have completed the work. (Note that the SQL code for some of your tasks is shown in Practical 3 but <u>not</u> all i.e. you will have to adapt the code where necessary.)

	Your Tasks						Information Sources (To help you with this task)
	a. Create a table called <i>tblMembershipType</i> for the <i>Stream2U</i> database using the CREATE TABLE SQL statement and <u>not</u> the New Table window.						The CREATE TABLE statement is described in Practical 3.
Th	The data dictionary entry (simplified) for this table is shown below.						
	Field Name	Meaning	Data Type	Nulls	PK/FK	1	
	mTypeID	Unique identifier of type	tinyint	No	PK	1	
	mTypeName	Name of membership type	varchar(8)	No			
	minFilmsStream	Minimal number of films streamed to qualify	smallint	No			
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7	a. Add a column called <i>mobileNo</i> (data type smallint, allow nulls) to the <i>tblMember</i> table using SQL.	The ALTER TABLE statement is described in Practical 3.
	b. Change the data type for the <i>mobileNo</i> column to nvarchar(12), which is a more appropriate data type for phone numbers using SQL.	The ALTER TABLE statement is described in Practical 3.
	c. Add a new member to your <i>tblMember</i> table and include a mobile number. Remember to ignore the <i>memberID</i> column in your INSERT statement as this is set to auto-increment and does <u>not</u> require you to insert a value.	The INSERT statement is described in Practical 3.
	d. Delete the <i>mobileNo</i> column from the <i>tblMember</i> table.	The ALTER TABLE statement is described in Practical 3.

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	Objective: To learn how to add, update, insert data and delete a column.	
8	a. Make a copy of your <i>tblMember</i> table and call this new table <i>tblMemberAll</i> using SQL.	The SELECT/INTO statement is described in Practical 3.
	b. Make a copy of your <i>tblMember</i> table called <i>tblMemberNew</i> but containing NO records using SQL.	
	c. Make a copy of your <i>tblMember</i> table with only 3 columns: <i>firstName</i> , <i>lastName</i> and <i>dob</i> for members who are female and call this new table <i>tblMemberFemale</i> using SQL.	
	(***Examine the content (using 'Edit Top 200 rows') of each of your new tables to check that you have created the required tables.)	
	d. Delete your <i>tblMemberAll</i> , <i>tblMemberNew and tblMemberFemale</i> tables using separate SQL statements.	The DROP TABLE statement is described in Practical 3.
	Objective: To learn how to create tables based on existing tables and delete tables.	