

- Web address of assignment description:
 - http://pages.cpsc.ucalgary.ca/~tamj/2017/203F/assignments/assignment2/
- TA will go through Features in the assignment that you are to implement and:
 - TA will explain the end result produced when you complete the feature
 - TA will not specify the details of how to produce that result (because that is 'the answer')
- TAs will go through the style requirements of assignment and point out how missing a style requirement will affect grading
 - The specifics of each style requirement comes later in lecture and in some cases in tutorial as well e.g. absolute vs. relative cell references
 - Sometimes screenshots will show you how it's done.
 - The TA will explain the details later.
 - The early preview is provided so you 'recognize' it later in lecture and tutorial when you see it.

Review: Cro	eate A Blank Database
(C) Info	New
New	
Open	Search for online templates
Save	Suggested searches: Database Business
Save As	
Print	
Close	
Account	Blank desktop database
Options	
	Blank desktop database Cus

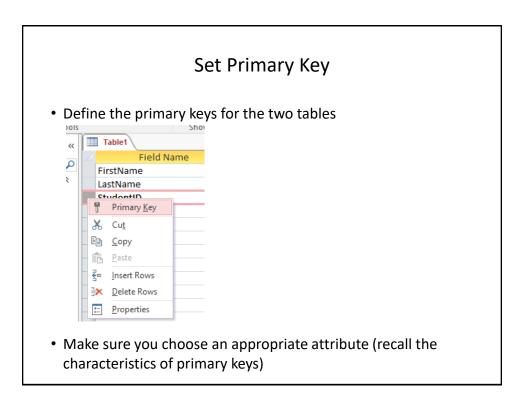
Part I, A2: Creating The Database And Error Prevention

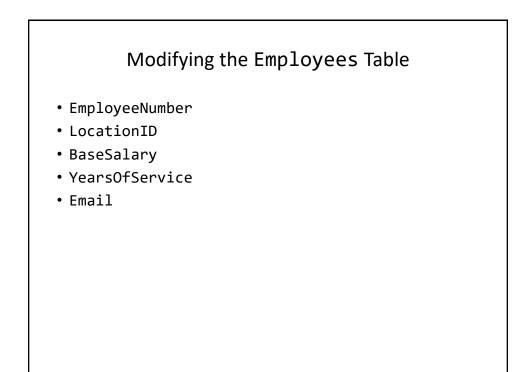
- Creating the two tables
- Creating attributes (appropriate name and type), defining the appropriate error prevention mechanism
 - Modifying the Employees table
 - Modifying the Locations table

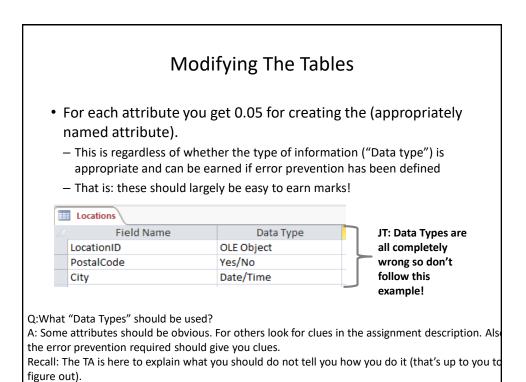
Creating The Tables

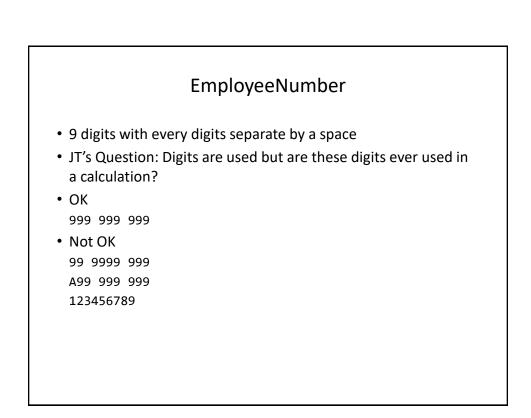
• Employees and locations (one table is automatically created and opened in 'Datasheet View' when a new Access database is created).

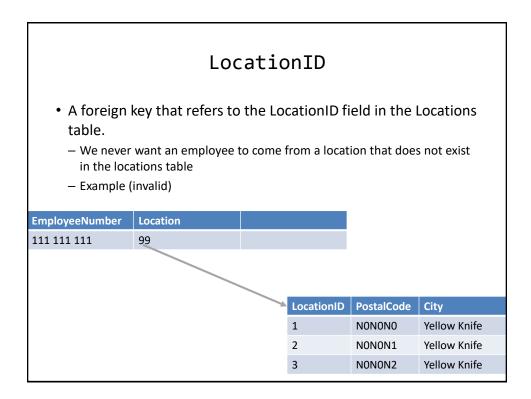


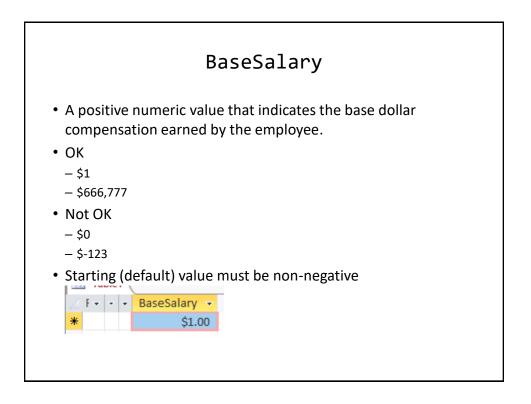






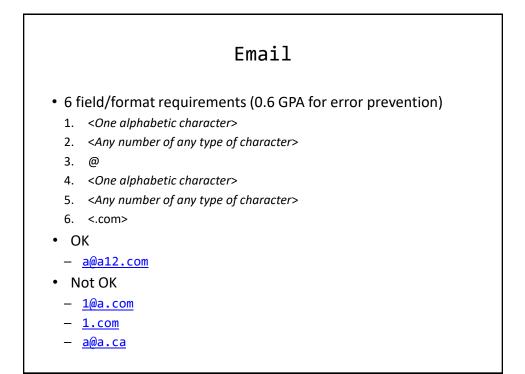






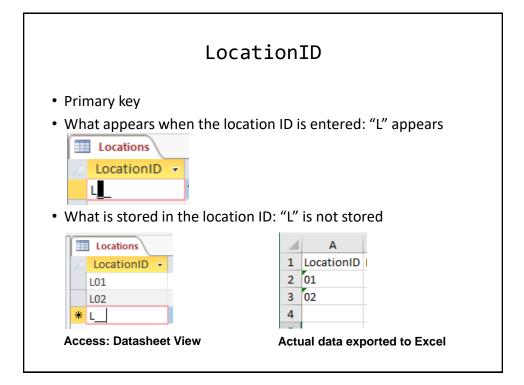


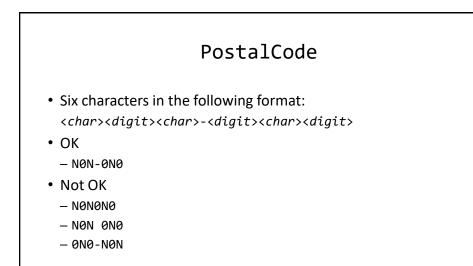
- Non-negative number
- OK
 - 0 years (i.e. a new employee)
 - 1 year
- Not OK
 - -13 years





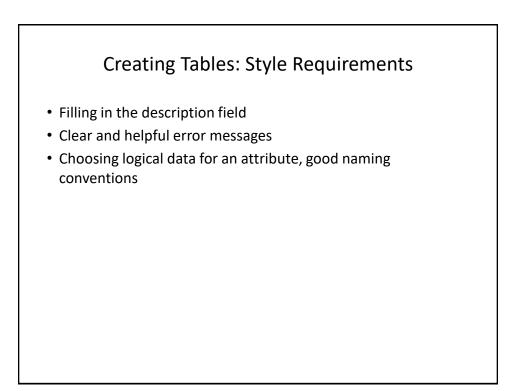
- LocationID
- PostalCode
- City



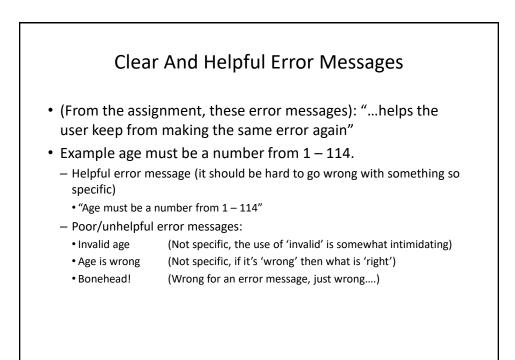


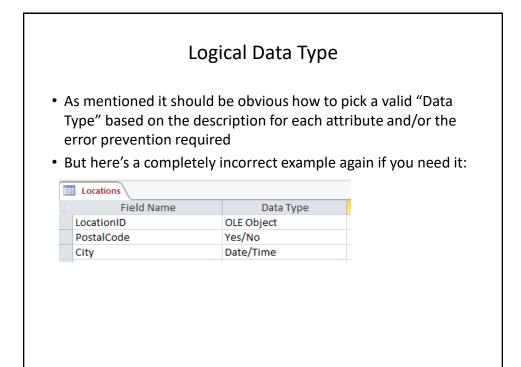
City

• As described in the assignment, just create the attribute with an appropriate name and appropriate "Data Type"



The Description Field			
Data Type	-	Description (Optional)	
Short Text	<u> </u>		
Short Text	~ 1		
Short Text			
	Short Text Short Text	Short Text V	





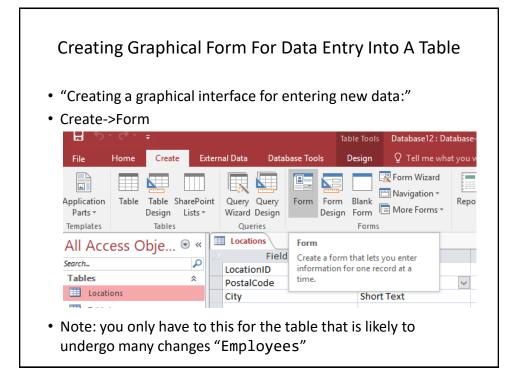
Naming Tables And Attributes

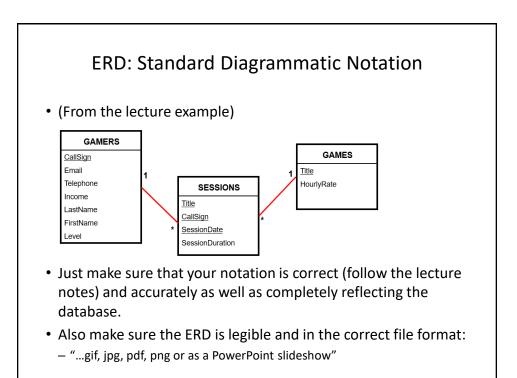
Tables

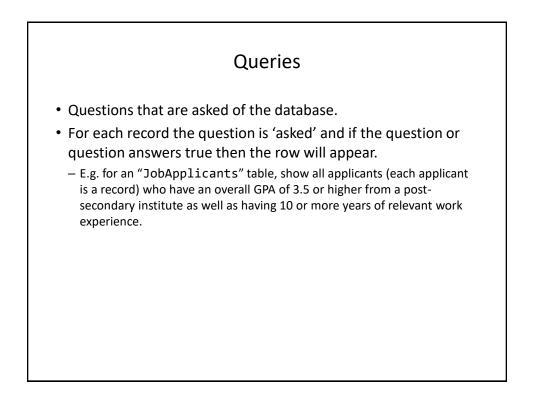
- Unique and descriptive name.
 - Bad: 'X', 'Money', 'ACT' (abbreviation(
 - Better: 'Students', 'Courses' (could depend upon context however)
 - Avoid using spaces e.g.
 'FirstName', "Cell_phone'
 - Generally avoid singular names ("Student" vs. "Students")

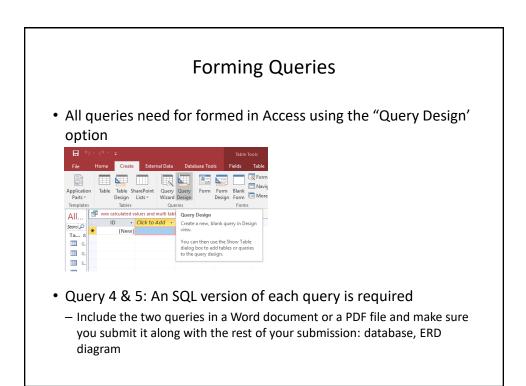
Attributes

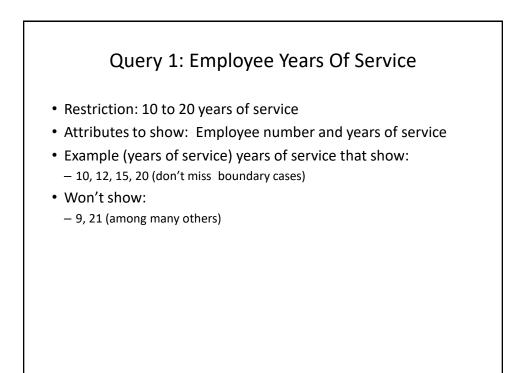
- Same rules for tables applies
- However attributes should be singular rather than plural e.g. 'HomeAddress' vs. 'HomeAddresses'











Query 2: City Names City names that begin with 'C' City names that meet the condition: Calgary, Claresholm City names that don't meet the condition: Kansas city (should be obvious)

