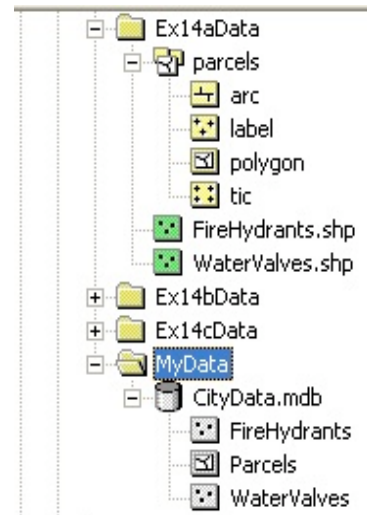


Chapter 14 Building Geodatabases

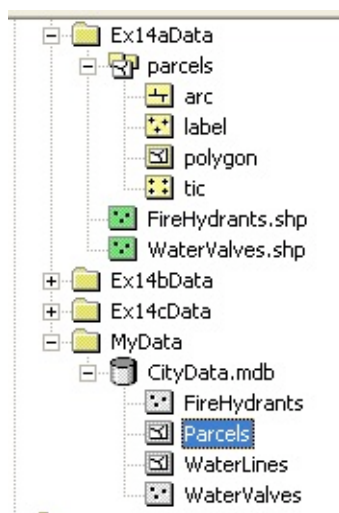
14 A

As you can see on the right in the folder MyData a new Geodatabase has been created its name is CityData.mdb.

It has three feature classes: FirHydrants, Parcels, and WaterValves.



14 B

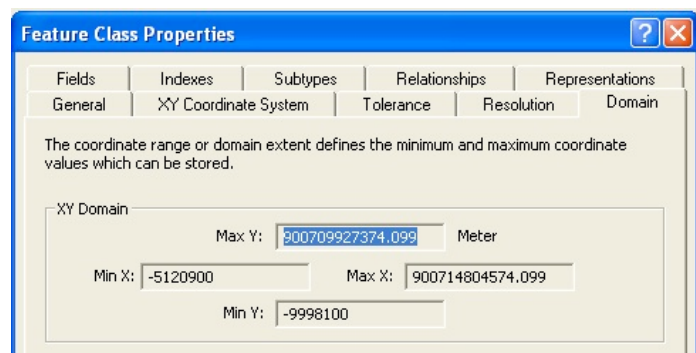



On the left there is a new feature set named “WaterLines.”


14 C

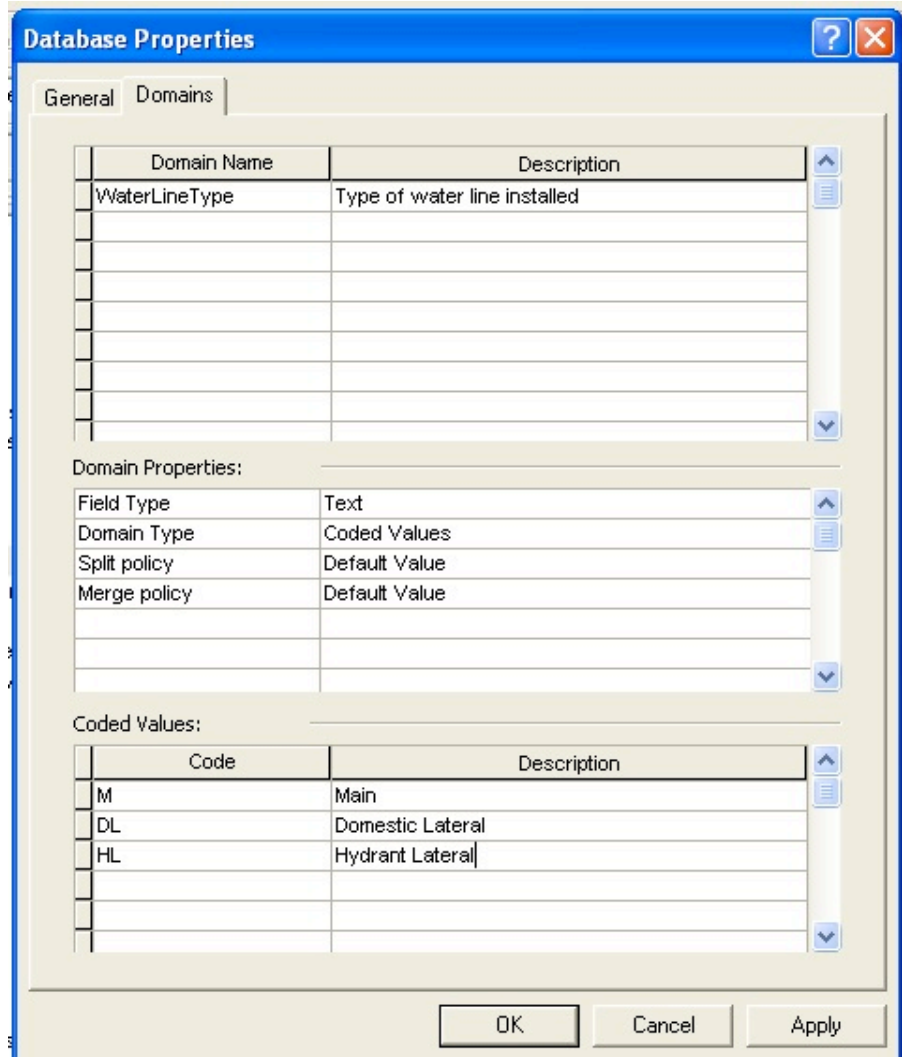
This is how the Feature Class Properties looked (unlike the book, there are two rows).

I also learned a good lesson in this exercise of ArcCatalog, that is to use the *Refresh* command under View (or F5).



This was added by me. 

This was added by me (all three rows and both columns). 



Domain Name	Description
WaterLineType	Type of water line installed

Domain Properties:

Field Type	Text
Domain Type	Coded Values
Split policy	Default Value
Merge policy	Default Value

Coded Values:

Code	Description
M	Main
DL	Domestic Lateral
HL	Hydrant Lateral

Buttons: OK, Cancel, Apply

Click any field to see its properties.

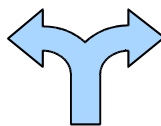
Field Properties

Alias	Line_Type
Allow NULL values	Yes
Default Value	M
Domain	WaterLineType
Length	50

Here we see the dialogue box that allows us to set a default value for the line type (which is *M*).

We also explicitly state here that the domain is *WaterLineType*.

Field Name	Data Type
OBJECTID	Object ID
SHAPE	Geometry
SHAPE_Length	Double
SHAPE_Area	Double
Install_Date	Date
Line_Type	Text



Field Properties

Alias	Line_Type
Allow NULL values	Yes
Default Value	M
Domain	WaterLineType
Length	50

It is interesting to note here that Filed Properties would not show up until Line_Type was clicked on the the Database Properties menu.