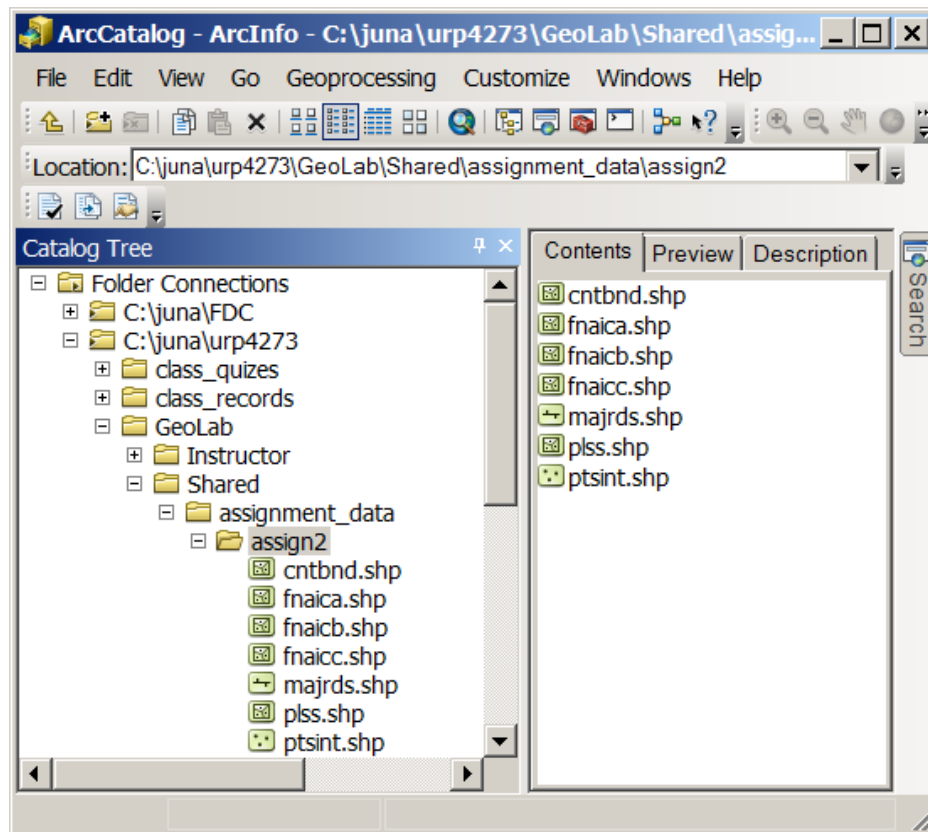


## ASSIGNMENT 5

This assignment will help you reinforce the skills that you have already acquired and will make you familiar with some GIS layers for the Alachua County. The datasets you will use are located in folders **assign5** and **assign6**, under the path **~\Shared\HomeAssignments\assignment\_data**.

From ArcCatalog use the **Connect to Folder** button (second from left) to connect to each of the two folders. You should see smth similar to this dialog in ArcCatalog.



You will be looking for seven files under the folder **assign5**:

- **County Boundary**, file name (cntbnd.shp)
- **Public Lands Survey System**, file name (plss.shp)
- **Conservation Areas A**, file name (fnaica.shp)
- **Conservation Areas B**, file name (fnaicb.shp)
- **Conservation Areas C**, file name (fnaicc.shp)
- **Major Roads**, file name (majrds.shp)
- **Points of Interest**, file name (ptsint.shp)

And one file under the folder **assign6**.

➤ **Municipalities**, file name (municipalities.shp)

After exploring them in **ArcCatalog**, open **ArcMap**, and bring in all eight layers. Highlight the layer **Municipalities**, click over **Properties**, and create a **Definition Query** on "**Name**" = '**GAINESVILLE**'. See what happens.

Now create a map of Alachua County with all these datasets as best you think, by changing symbology for each layer, and by placing labels if you want. Once you have changed symbology for each layer, create a layer file for each (.lyr), and save them in your own folder. Once you have saved all of the layer files, remove all of the data from your project and bring in the layer files you just saved. Save the map in your own folder naming it **assign5.mxd**. Be ready to show and defend it on the screen. Submit screenshots in Canvas in a pdf file.

Home assignments always due a week later.