

QUIZ#1: Geoprocessing Model

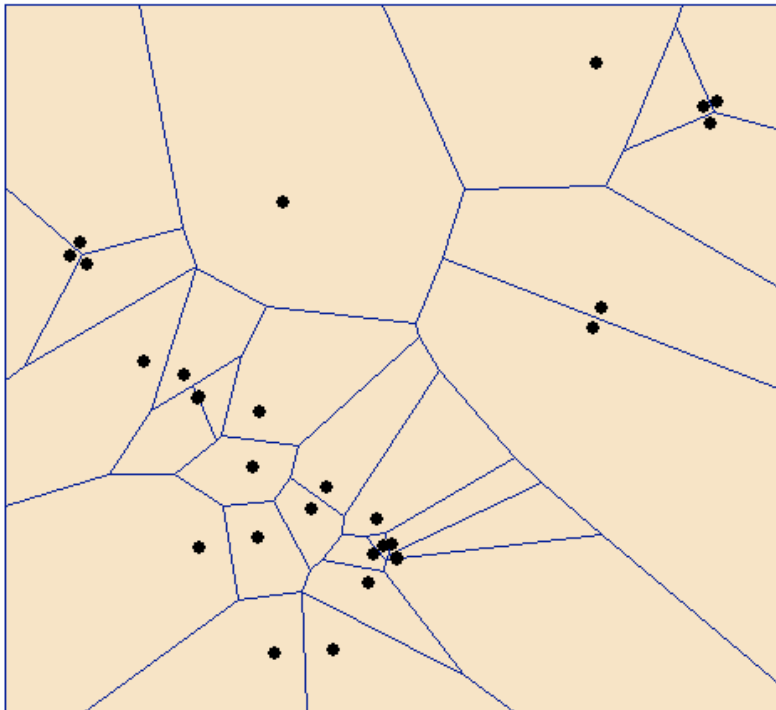
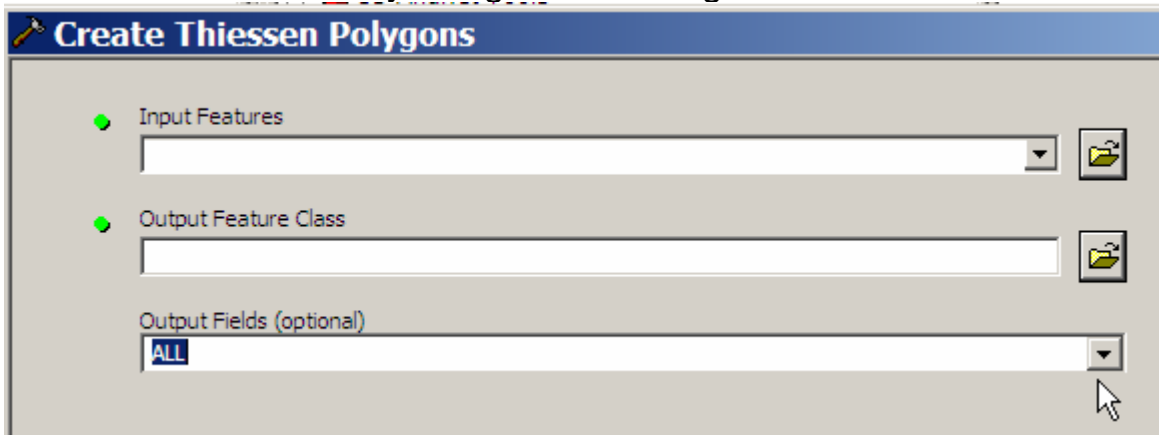
Download the geodatabase *quiz1_container* from :

<http://nrm.salrm.uaf.edu/~dverbyla/nrm341/quiz/>

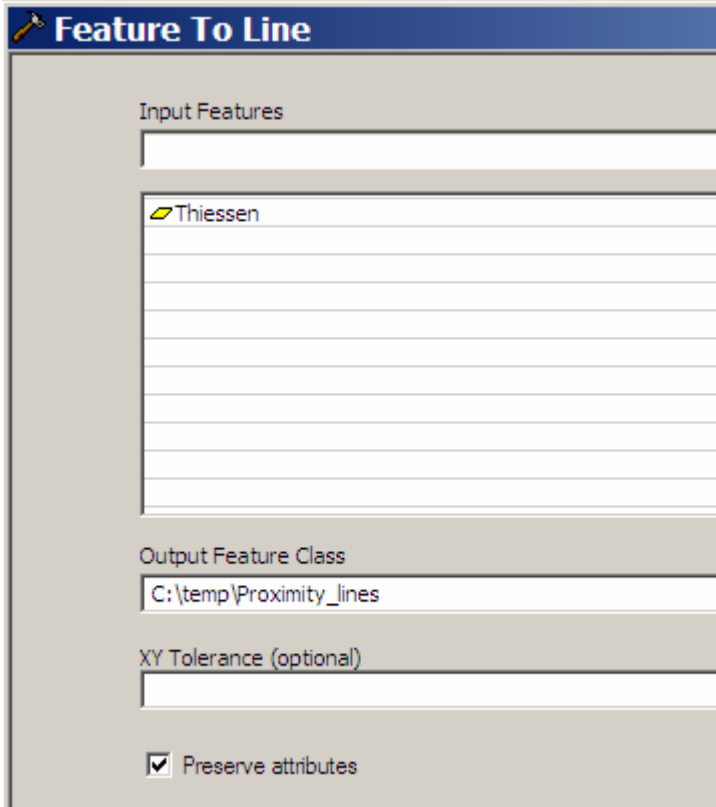
There is a point theme named *sample_points* inside the container.

Thiessen polygons are polygons representing proximity to points. Create a model that will create a line theme representing equidistances between points.

You can do this by using the following tools:



Then convert your proximity polygons to lines using the following tool:



The proximity lines should have the original point attributes.

Save your arcmap document in your own folder in c:\nrm341\....

Email me the following information:

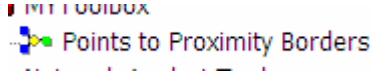
Computer Name: ONEILL____-____

Folder Name: c:\nrm341_____

Map Document Name: _____ .mxd

Email me your toolbox as an email attachment.

Grading...

- ✓ Save your ArcMap document in your own folder (2 pts)
- ✓ Download the data to your own folder (2 points)
- ✓ Add tools to your personal toolbox(2 points)
- ✓ Rename your model  (3 points)
- ✓ Document your model with abstract, author information (3 points)
- ✓ Document model dialog with bullet directions for input point theme (2 points)

Input Point Theme

- Browse to folder containing point theme and select it

- ✓ Instruct the user for with bullets for output polygon theme and line themes (4 points)

Output Proximity Polygons

- Browse to folder to contain output proximity polygons
- Type in new name for output polygon theme

Output Proximity Line Theme

- Browse to output folder and type in output proximity line theme

- ✓ Build model that correctly returns border lines with all original point attributes (4 points)