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Lab #8

Lab Objective

The objective of this lab is to create a number of python scripts using arcpy, and then turn those scripts into tools.

Approach

The approach centered around understanding which tools to use, and then looking them up in the arcpy documentation to get an idea of how to apply them.

Topics Learned

I learned how to use the arcpy module independently (unlike previous labs that had a lot of copy and pasting). Also, it was useful to understand how python interfaces with ArcGIS (e.g. how GetParameterWithText(0) translates into a dialogue box when converted into a tool. I also learned a bit more about using cursers, which were quite confusing to me in the lecture.

Conclusion

All in all, it was a very useful lab because it had a good mix of guidance while requiring independent problem solving.

Enclosures

A .zip is enclosed with all of the python scripts and all of the tools.