GIS Project Documentation

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Requirements:

1) List all data we're working with and show them on ArcMap
2) Create a shapefile for countries that have "military" airports + Print them in Pycharm
3) Create a shapefile for roads in "Asia" continent + Print their number in Pycharm
4) Create a shapefile for ports in countries (Italy, Spain, France)
5) Create a shapefile for all <u>Arabic cities</u> using 2 methods
     - Multiple Selections
     - If Condition
6) Using Search Cursor print the name, location & wikipedia for all airports which are major
7) Using Search Cursor create shapefiles for roads in countries based on (FID & Sovereignty) condition that region is "Africa" & population > 25 million
   Let files names be in the format of
   "Roads_in_CountryName_CountryIncome"
8) Create a tool implementing requirement no. 7 (Above requirement) adding Log Messages
9) Create a tool to update empty ports website to any other website, adding Log Messages
10)   Create a tool to update population of countries that their population year is < 2019, adding Log Messages + Print which countries have been updated
11)   Print name & type of cities fields
12)   Using Update Cursor for multiple fields, update empty or "zero" fields that are not of string datatype in cities
13)   Print full path for a bunch of images
14)   Print exif Tags for these images
15)   Print GPS Tags/Info for each image indicating which is geotagged & which is not
16)   Print latitude & longitude for each geotagged image