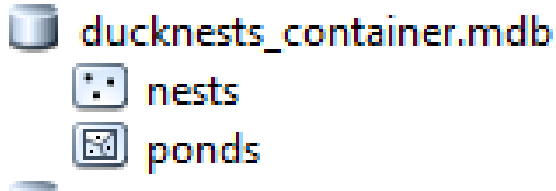


**QUIZ#1: Duck Nests**

Due by 5pm Friday Jan 18,2019

Download and unzip the geodatabase ***ducknests\_container.mdb*** from [http://dverbyla.net/nrm435/quiz\\_data\\_2019/](http://dverbyla.net/nrm435/quiz_data_2019/)



The point layer nests.shp contains an attribute for species (1=Mallard, 2=Pintail, 3=Widgeon) and year age class.

For this quiz, we are interested in ***ONLY Mallards..species code 1***

Do older age class mallards tend to nest closer to pond shorelines?

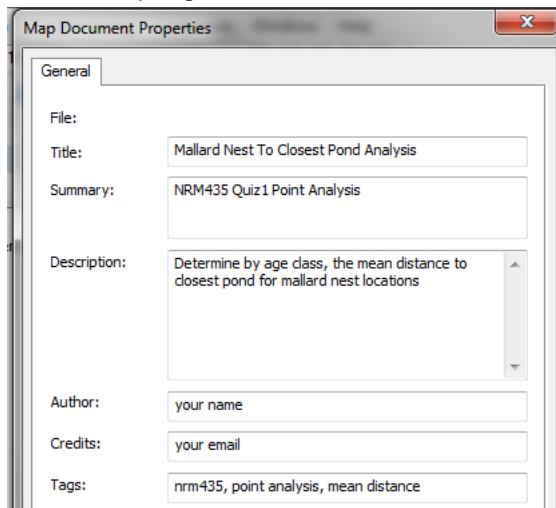
Use ArcGIS to determine the mean distance to the closest pond shoreline and create a geodatabase table with the following information (field names may be shorter):

**Mallards:**

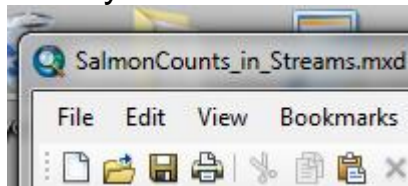
Age Class	Number of Nests	Mean Distance To Closest Pond
1		
2		
3		

Save all output in your geodatabase container ***ducknests\_container.mdb***

Enter map document properties File→Map Document Properties..



Save your work. File menu→save or click on the save icon.



Then create a map package: File→Share As→ Map Package... Save package to file in a folder (not in the ***ducknests\_container.mdb***)  
( **do NOT check on** Enterprise Geodatabase..that would be to store on a network)

Include Enterprise Geodatabase data instead of referencing the data

Email me ( [dleverbyla@alaska.edu](mailto:dleverbyla@alaska.edu) ) your map package **mpk** file. (not your arcmap document .mxd file) as an attachment (extensions are hidden by default)

Name	Date modified	Type
Quiz1_Mallard_Nests	1/13/2016 10:10 AM	ArcGIS ArcMap Document
Quiz1_Mallard_Nests	1/13/2016 10:13 AM	ArcGIS Map Package

Grading:

All output to geodatabase container ***ducknests\_container.mdb*** 2pts

Layer representing Mallard nests 3pts

Correct distance to nearest pond for each Mallard nest 5 pts

Correct number of Mallard nests in each age class 3pts

Correct mean distance for each Mallard age class 5 pts

NRM435 Spring 2019

QUIZ1: Point Analysis

Correct map package (mpk file) attached to email 2pts