GIS OUTPUT

ArcGIS can produce many forms of output, including interactive map documents, printed maps for distribution, image files for use in presentation or on Web sites and map animations. One construct map compositions in ArcMap while in layout mode. One can add elements, including one or more maps, a title, a map legend, a north arrow, or a scale bar. In addition, it is possible to add graphs or tabular reports to layout.

Main learning objectives are following :

- Create map layout
- Create a custom map template with two maps
- Add a graph to a layout

TUTORIAL 2-2

Add a graph to a layout

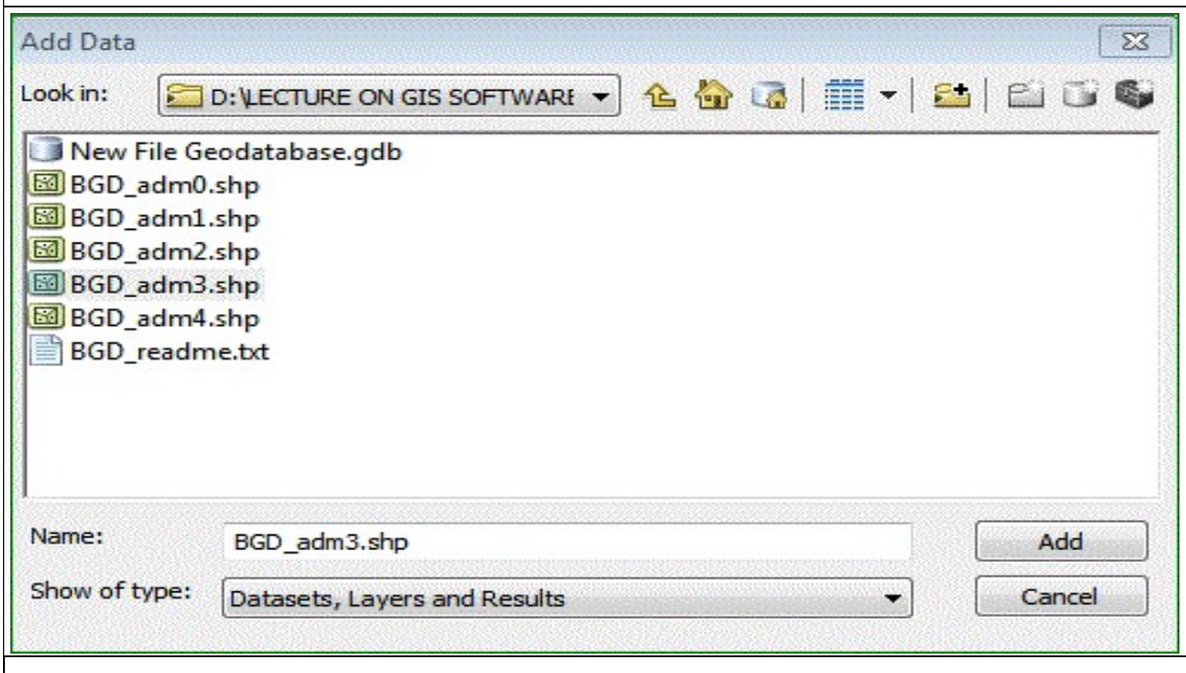
3.1.1 Use a pre-built layout template	3.1.6 Insert a title
3.1.2	3.1.8 Insert a legend
3.1.3 Verify layout view options	3.1.7 Insert a scale bar
3.1.4 Setup layout page orientation and size	3.1.7 Insert a north arrow
3.1.5 Create and use guidelines in the layout view	3.1.7 Insert a text

3.1.1 Use a pre-built layout template

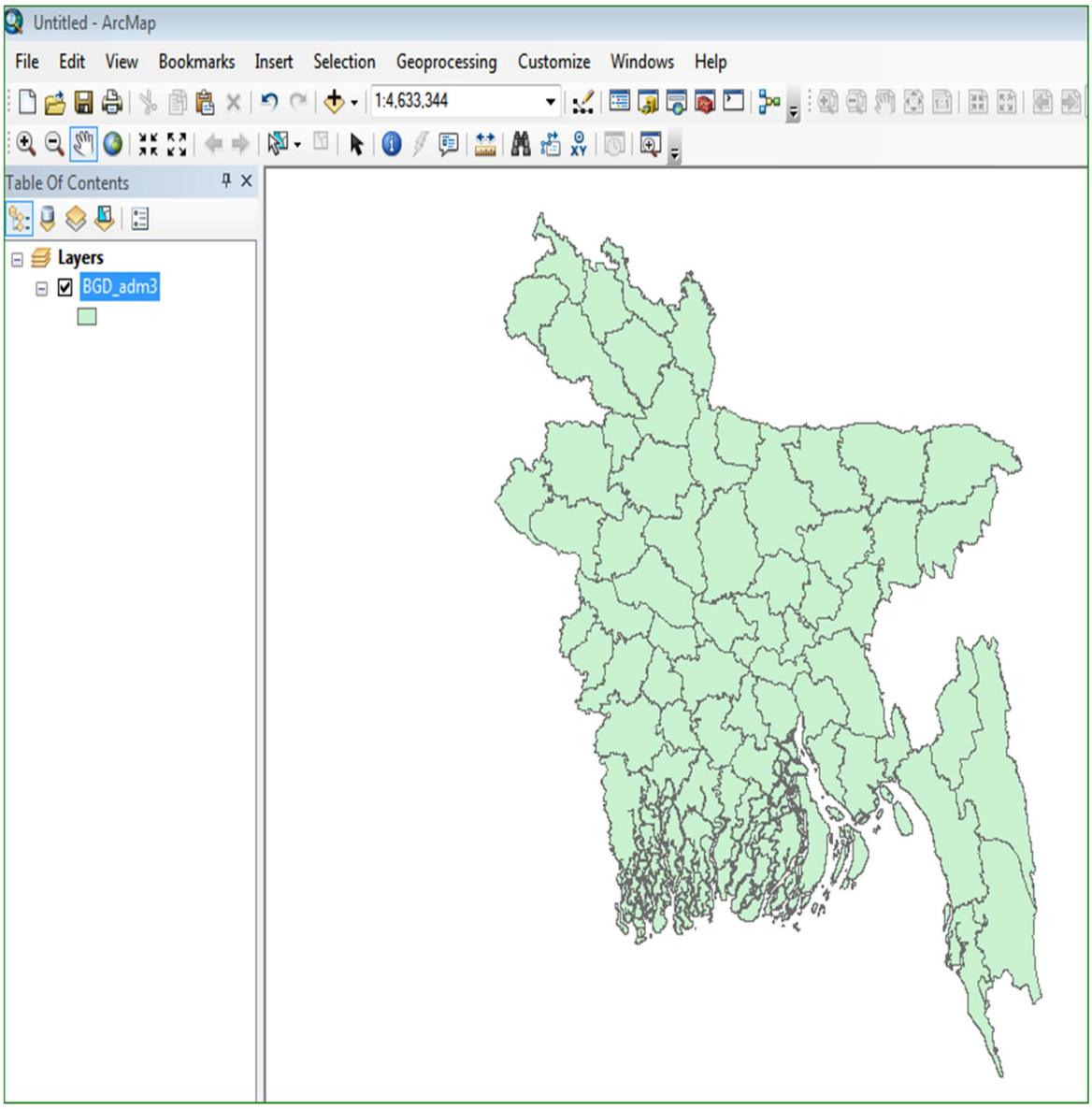
Open Arc Map 10.2

Open (New- create a new map) →Blank map→ Ok

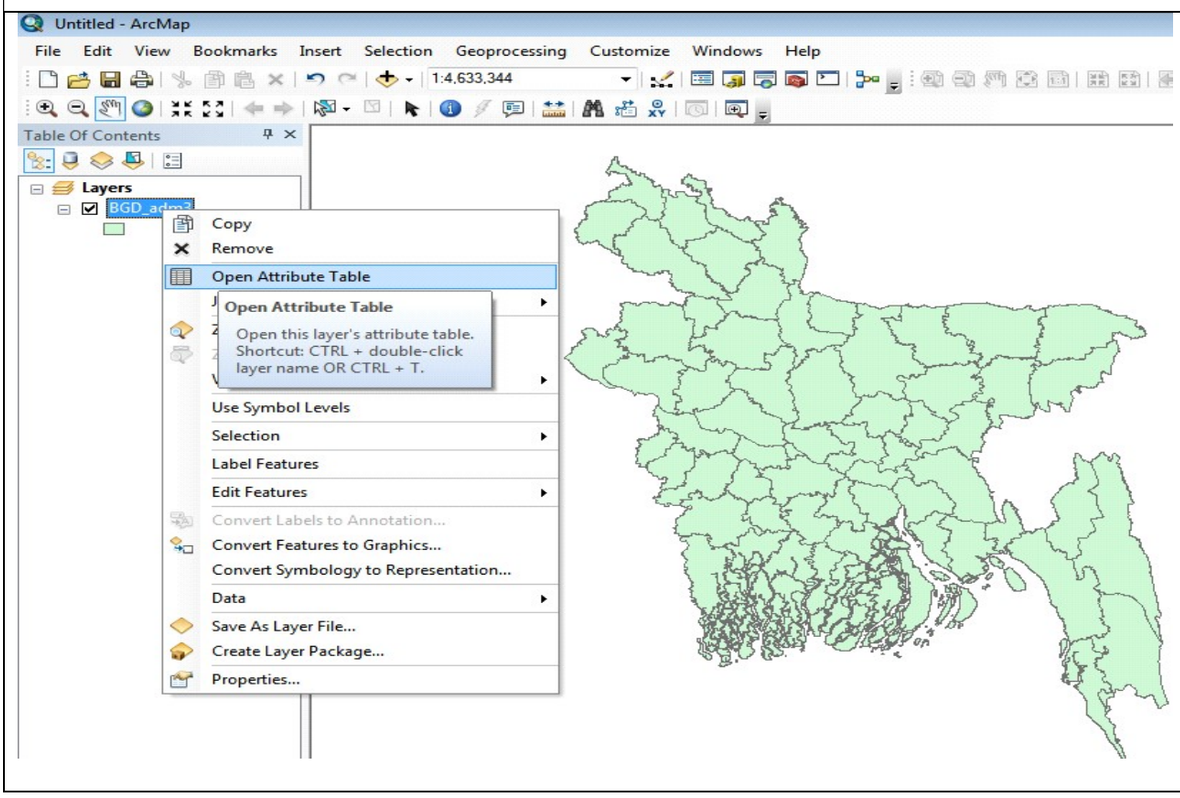
Add Data → D:\Lecture on GIS software\GIS Data\Data\BGD_adm3



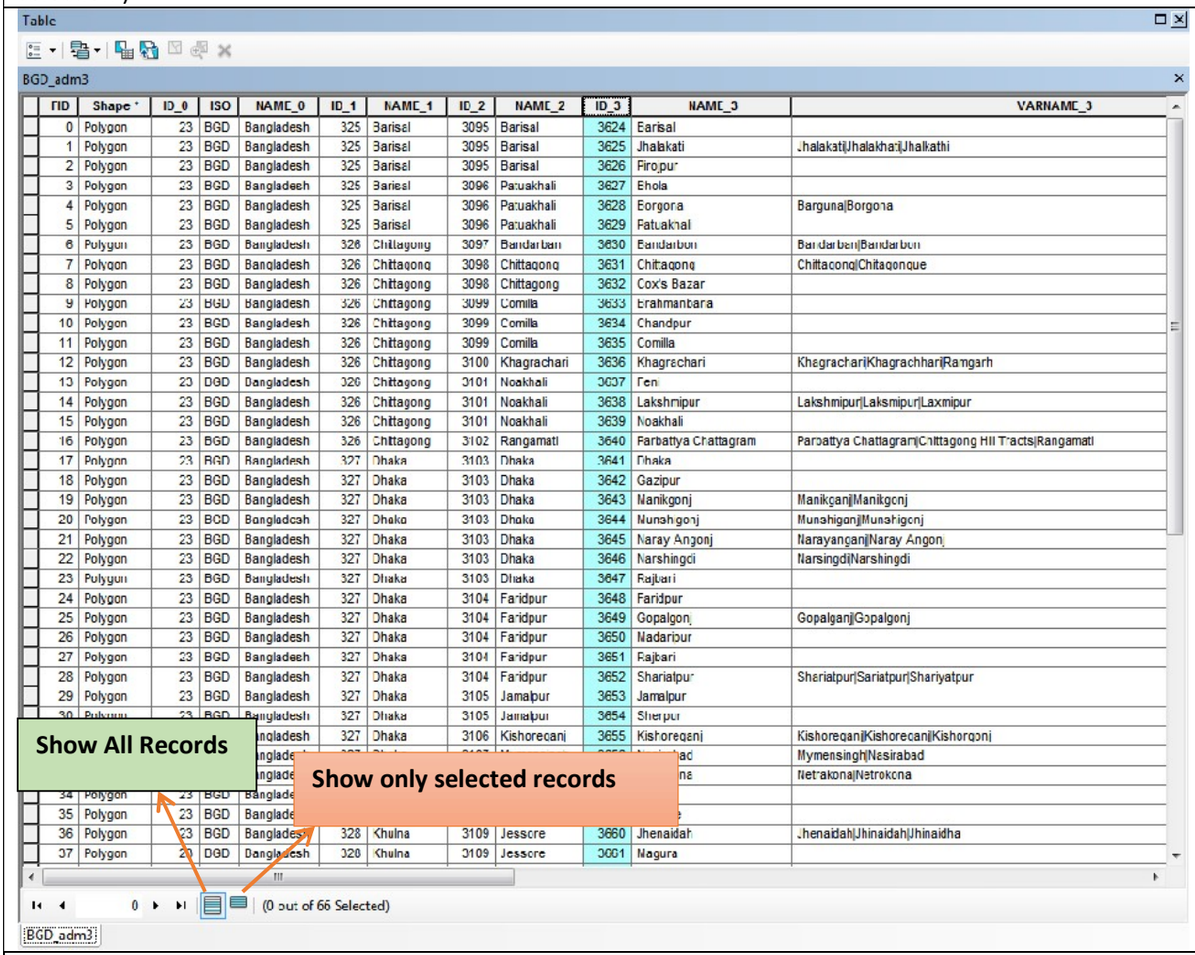
After adding data the window looks like below



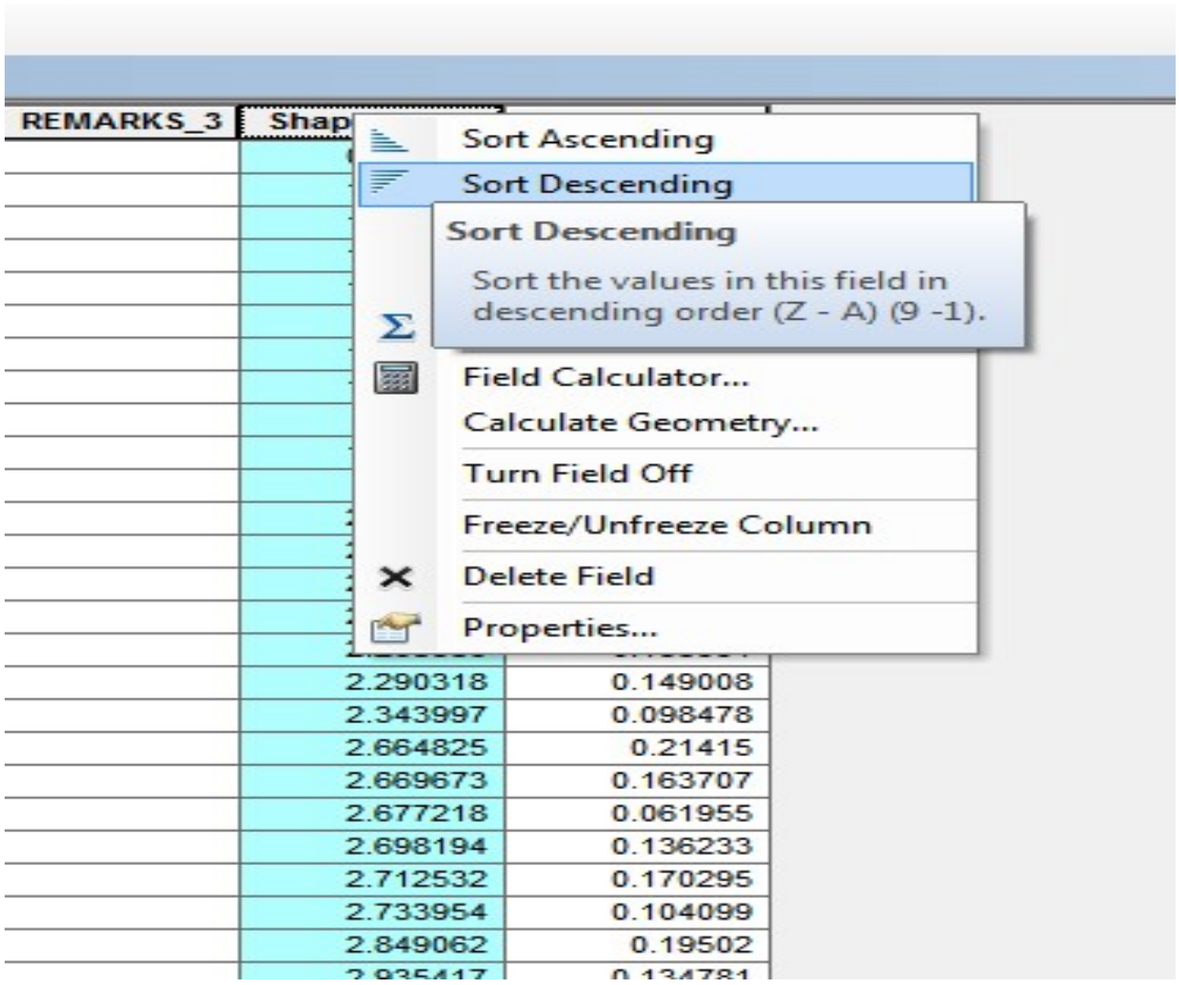
Again right click on BGD_adm3→open attribute table



Select ID_3 Field from Attribute table (Just to look how the column is looked like in attribute table after selection)



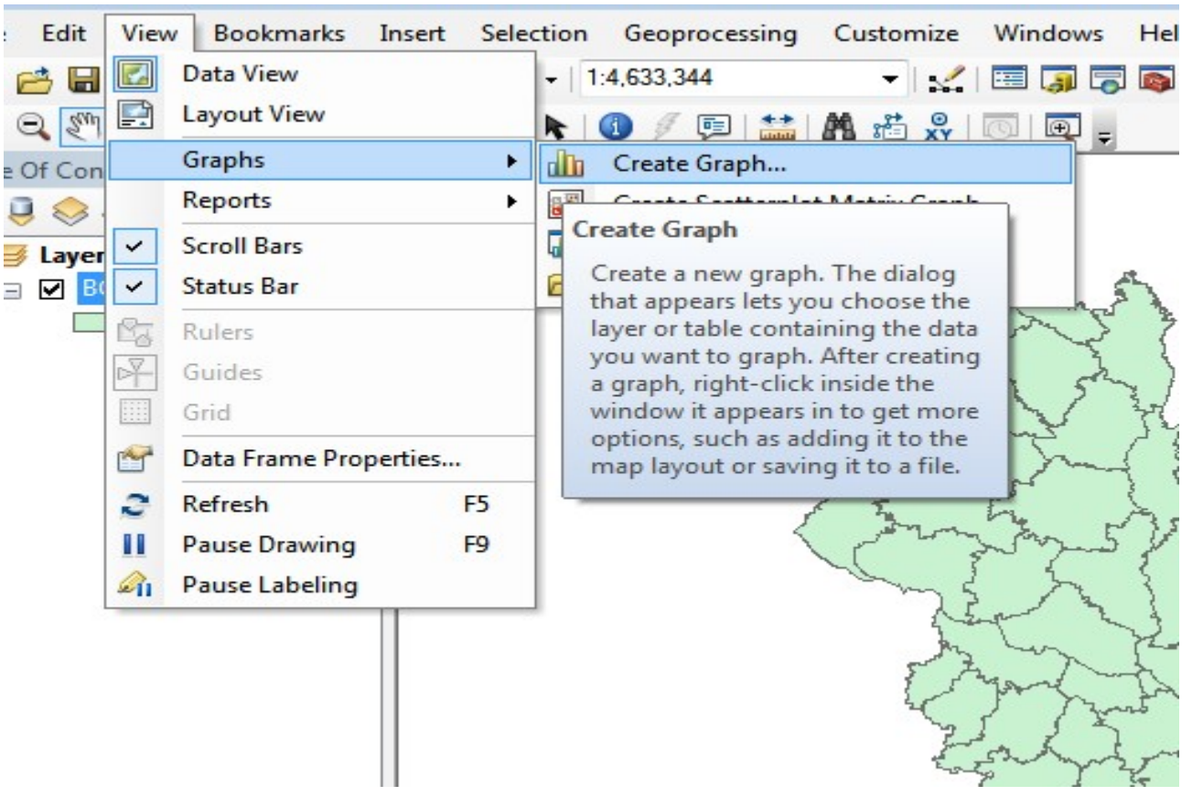
Right click on Shape_Length and then select sort descending bar to arrange the field from largest to smallest.



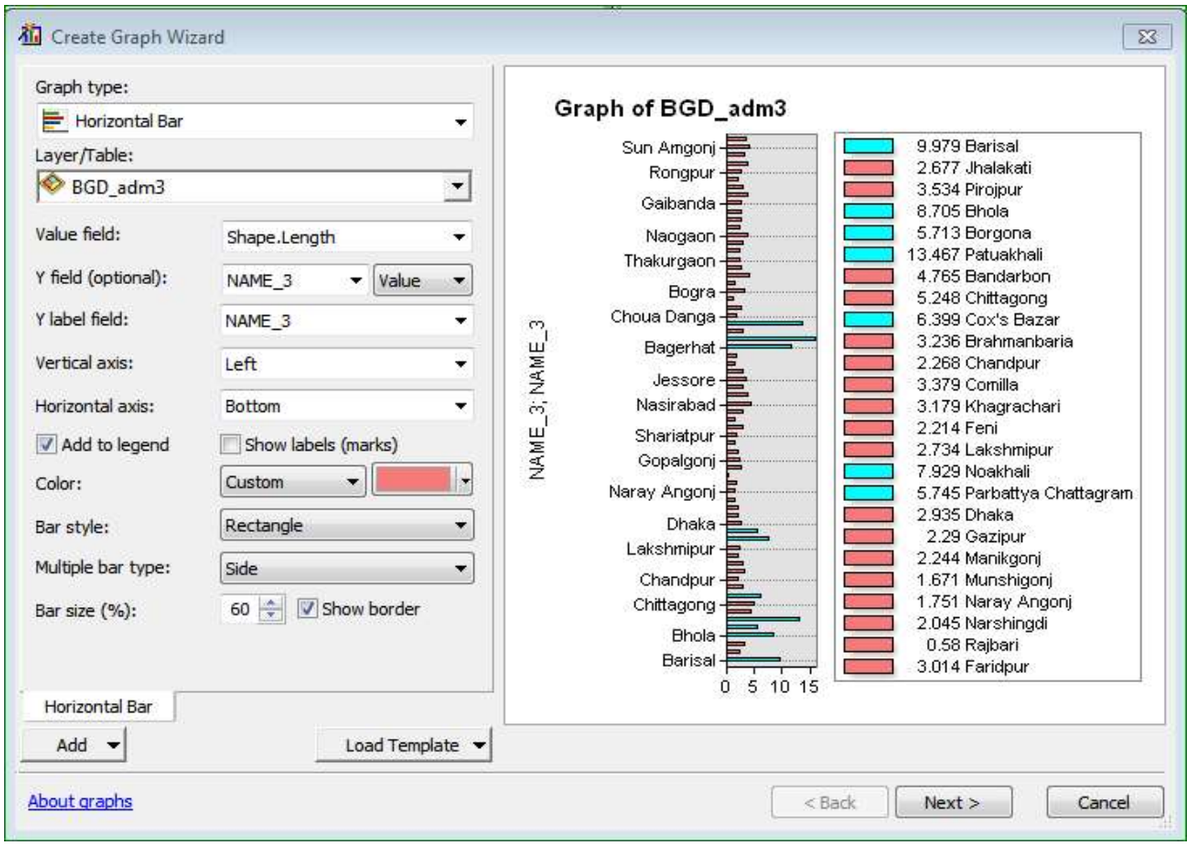
Now Select 10 rows from attribute table after that the selected regions will be highlighted on the map



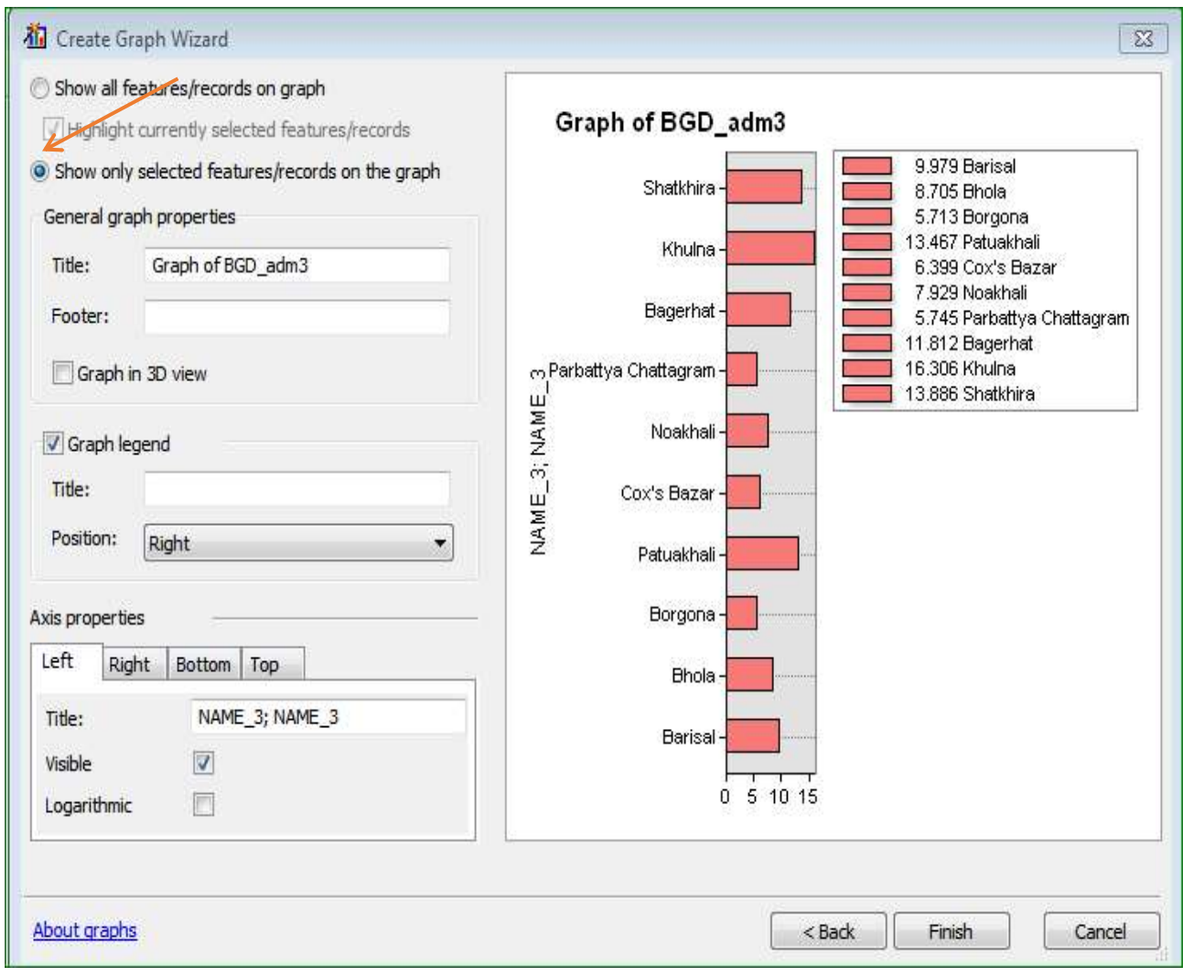
Now go to view→ Graphs →Create Graphs



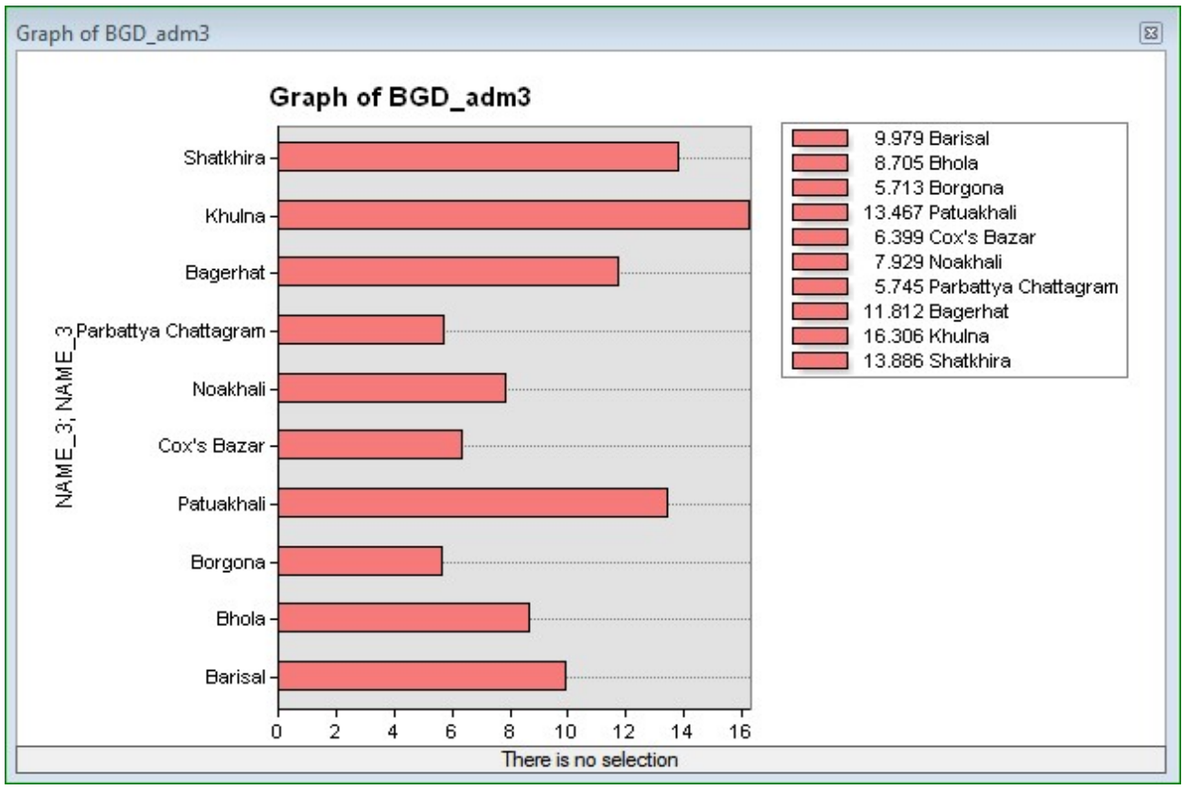
Now fill up the Graph Wizard as the figure shown below



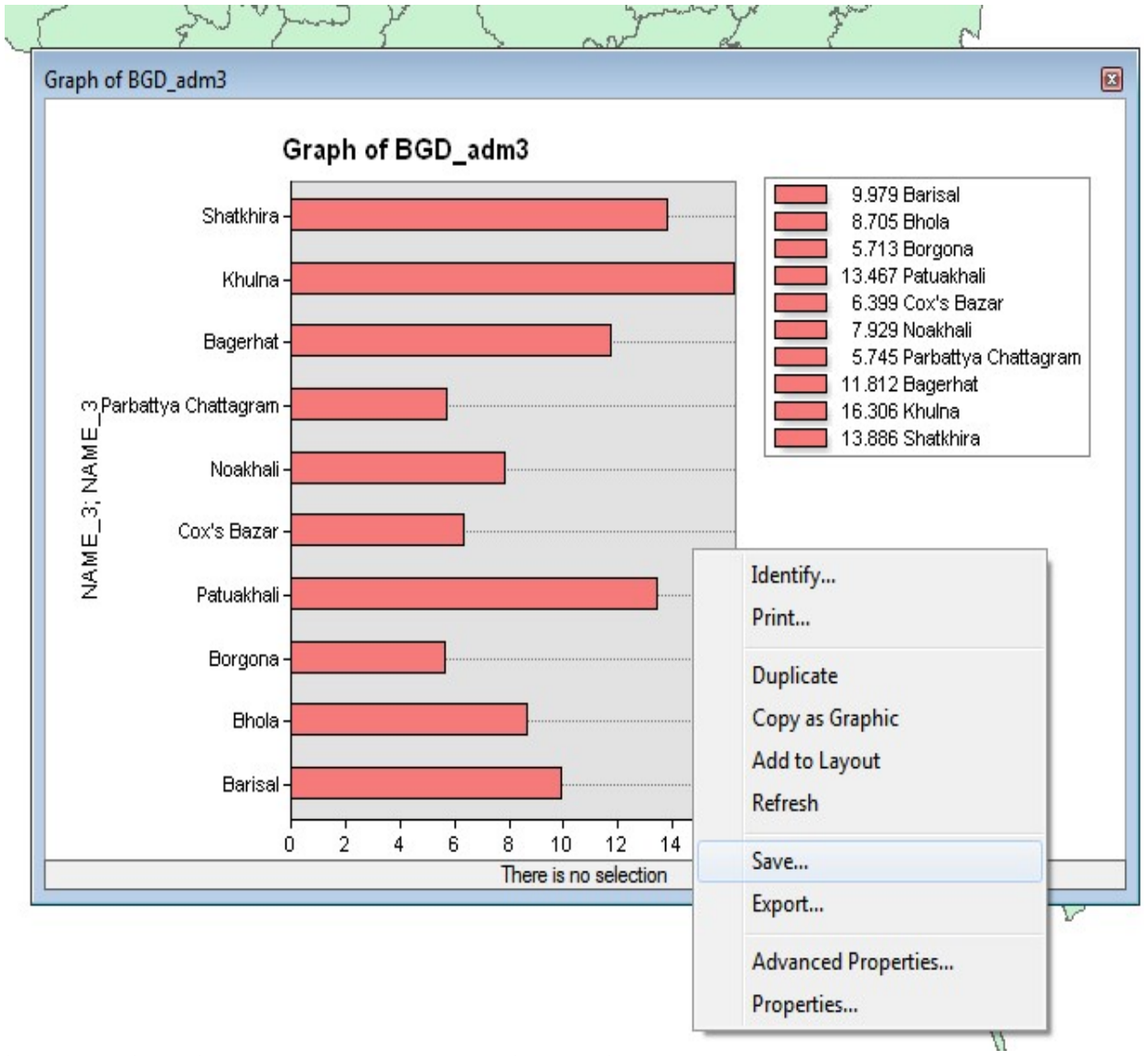
Then Click Next after which the following box will be opened and filled up like that.



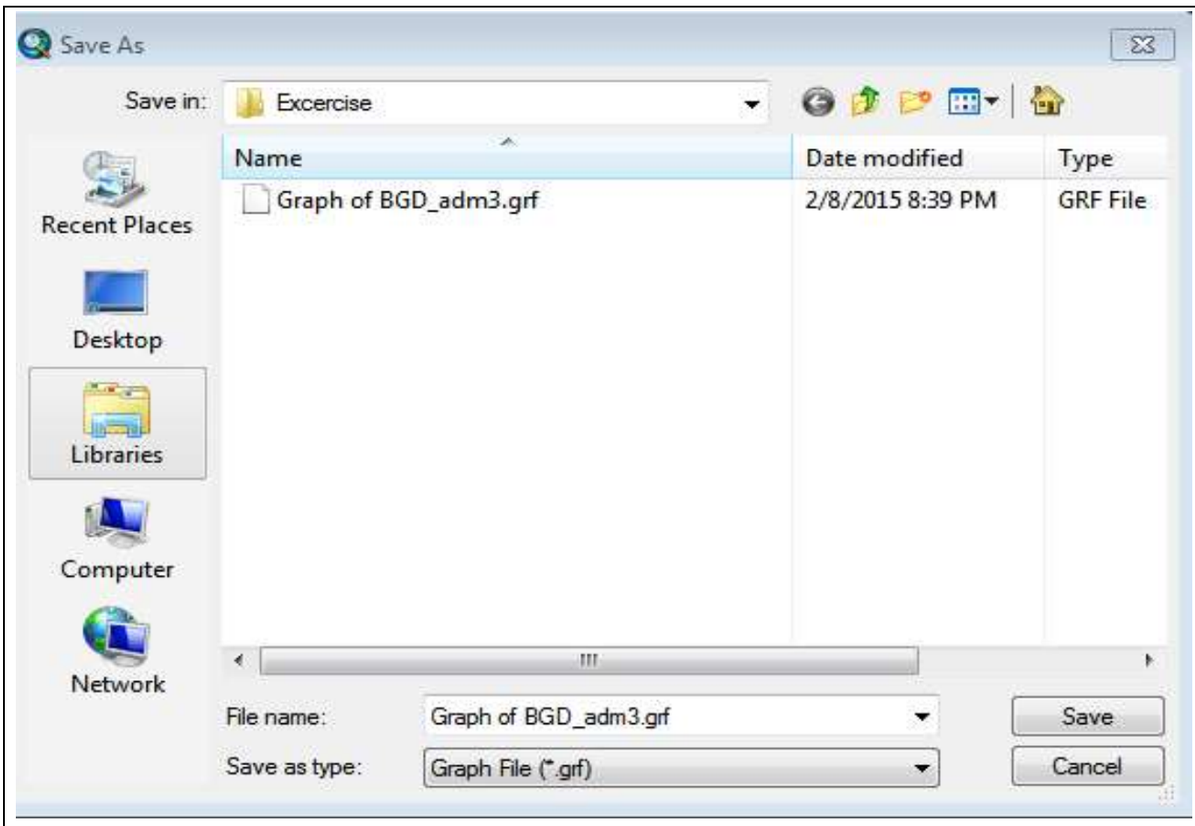
After that Click Finish and then a graph will be appeared on the map.



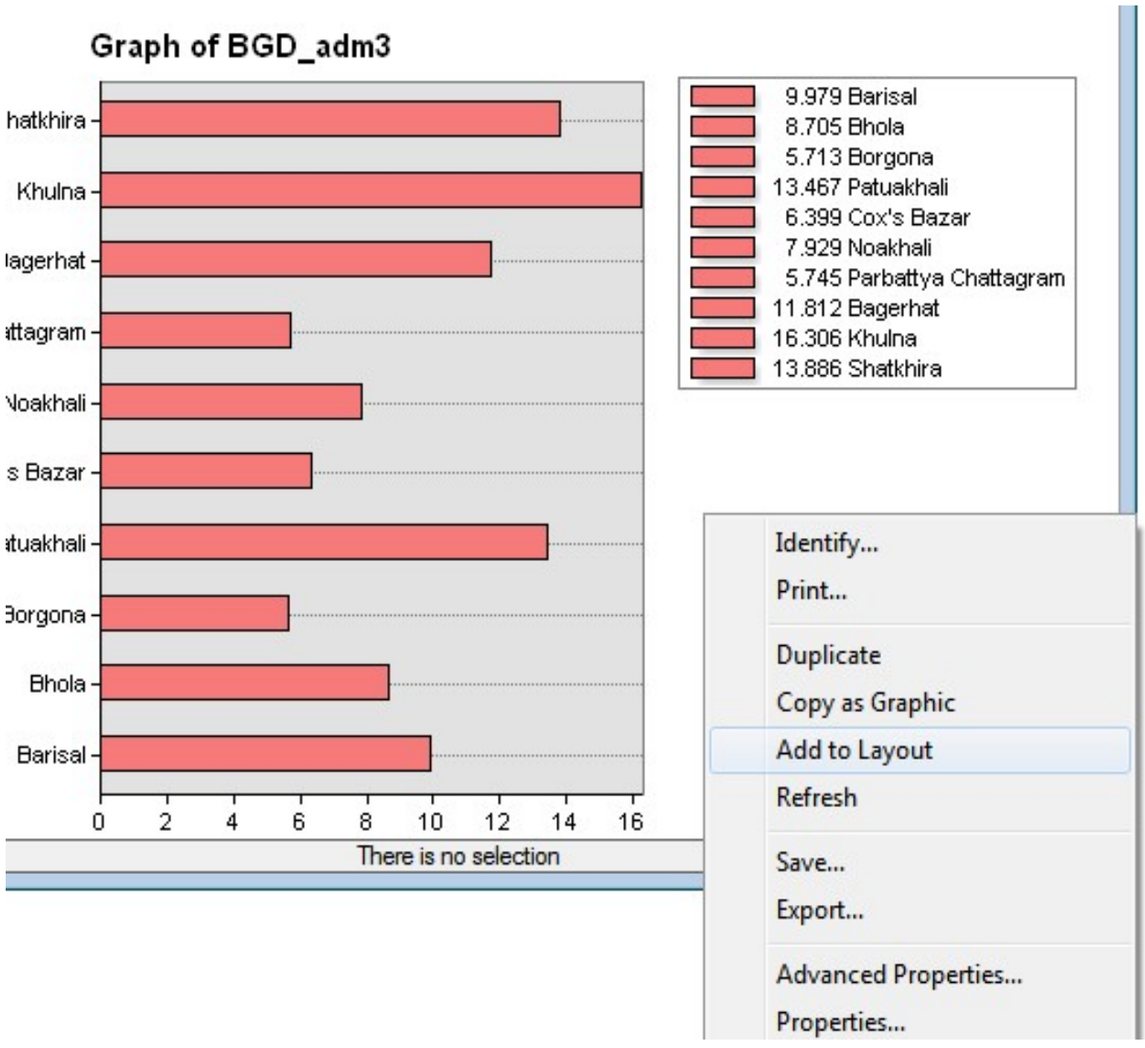
Then Right click and click Save



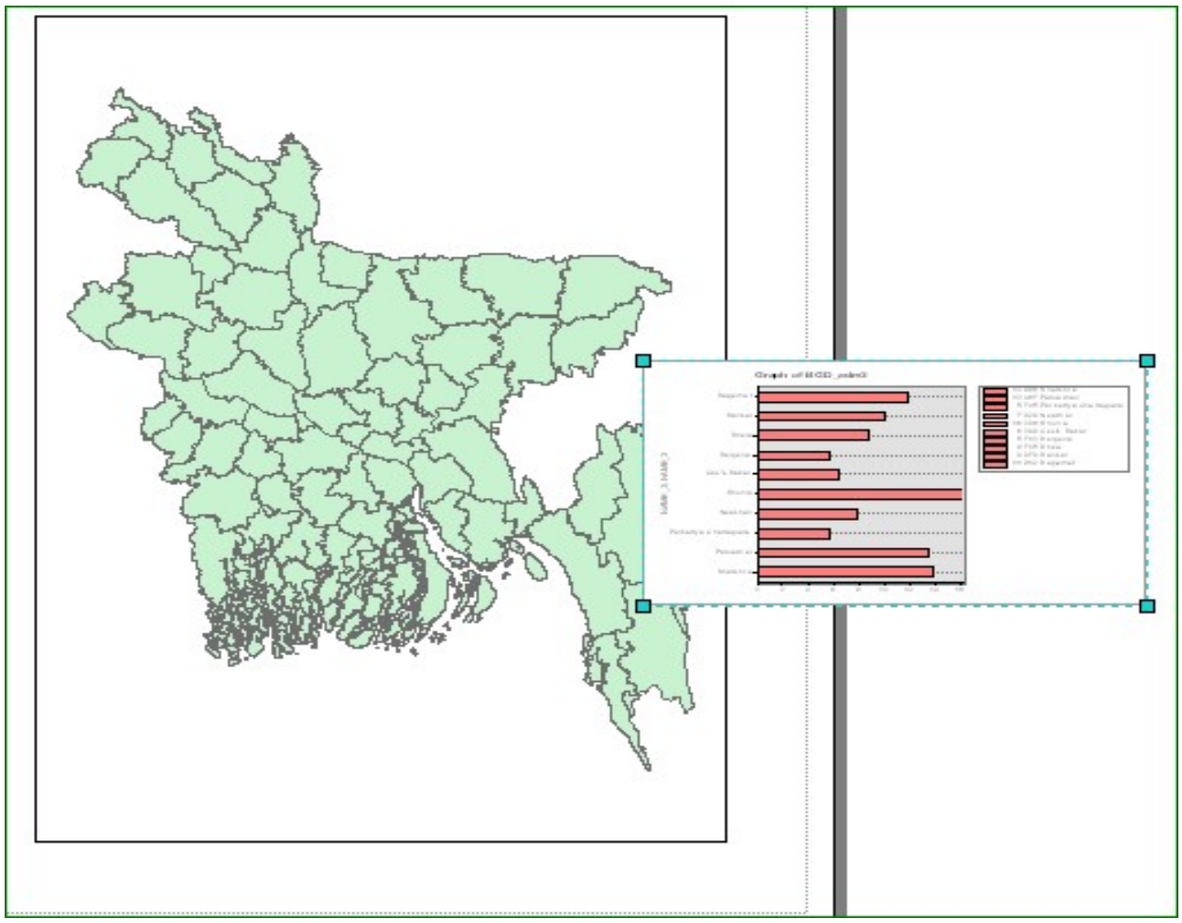
- Save in D:\Lecture on GIS output\Exercise



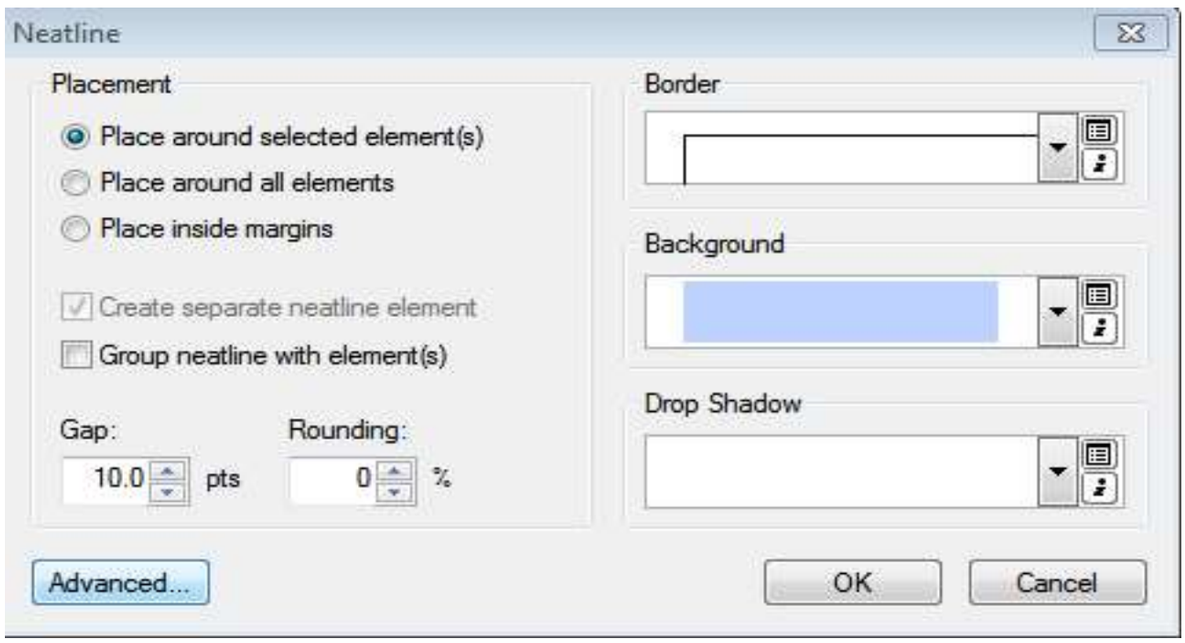
➢ Right click on graph→ Add to layout



- Now the graph is shown as a layer which can be adjusted on the map according to your wish.



- Insert→ neatline



- By this a border line around the graph will be added.

- At last the map looks like that in the layout view. Now here tutorial for adding a graph on a map is concluded.

