MATPLOTLIB EXERCISE QUESTIONS

Note: All the plots should contain xlabel, ylabel, grid, legend and title.

Practice: From slide 15-21

1. Plot multiple line graphs in a single window with the data given below, with proper labels and include legend as well.
Cities=["Khi","Lahore","Hyderabad","Islamabad","Multan","Faisalabad","Quetta"]
max_t=[44,54,42,47,51,45,48]
min_t=[33,36,38,41,42,38,43]
avg_t=[42,43,39,40,45,44,40]

2. Using the data given in Yesterday's Question 1, use the alpha parameter values of 0.2,0.4,0.6, and 0.8.

3. Create two x and two y axis datasets using numpy array and compare them by visualizing through scatter plot.

4. Use the following dataset and use different markers, like '+', '*', and changing the marker size.
         x = [1, 2, 3, 4, 5]
         y = [2, 4, 6, 8, 10]

Exercise:

● Create a bar plot and pie plot using the **tips** dataset.