

Assignment Instructions

You are to write the code that animates the path of the hurricane along its track, while marking on the map the storm category at each point. Use the given files.

Using one of the files, say Ian2022.txt your hurricane function should show the hurricane path and include the following:

Correctly show each point in the data file (with lines between each point)

Color code the hurricane strength

Red for category 5

Orange for category 4

Yellow for category 3

Green for category 2

Blue for category 1

White if no hurricane strength

Change the thickness of the line in proportion to the category

Include input for the user so they can choose any of the hurricane files to animate after testing if one of the files work. Also ask the user if they want to animate any one of the hurricane files.

Provide user input so they can choose any of the text files

Use the hurricane.py file to put the code to animate the path of a hurricane.