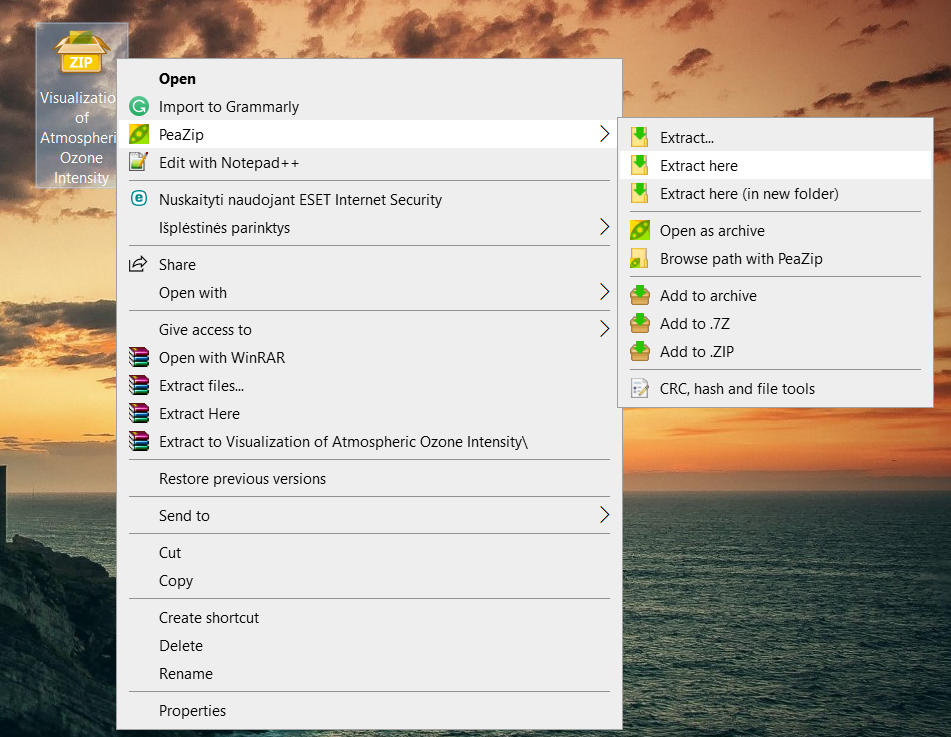
How to run Visualization of Atmospheric Ozone Intensity program

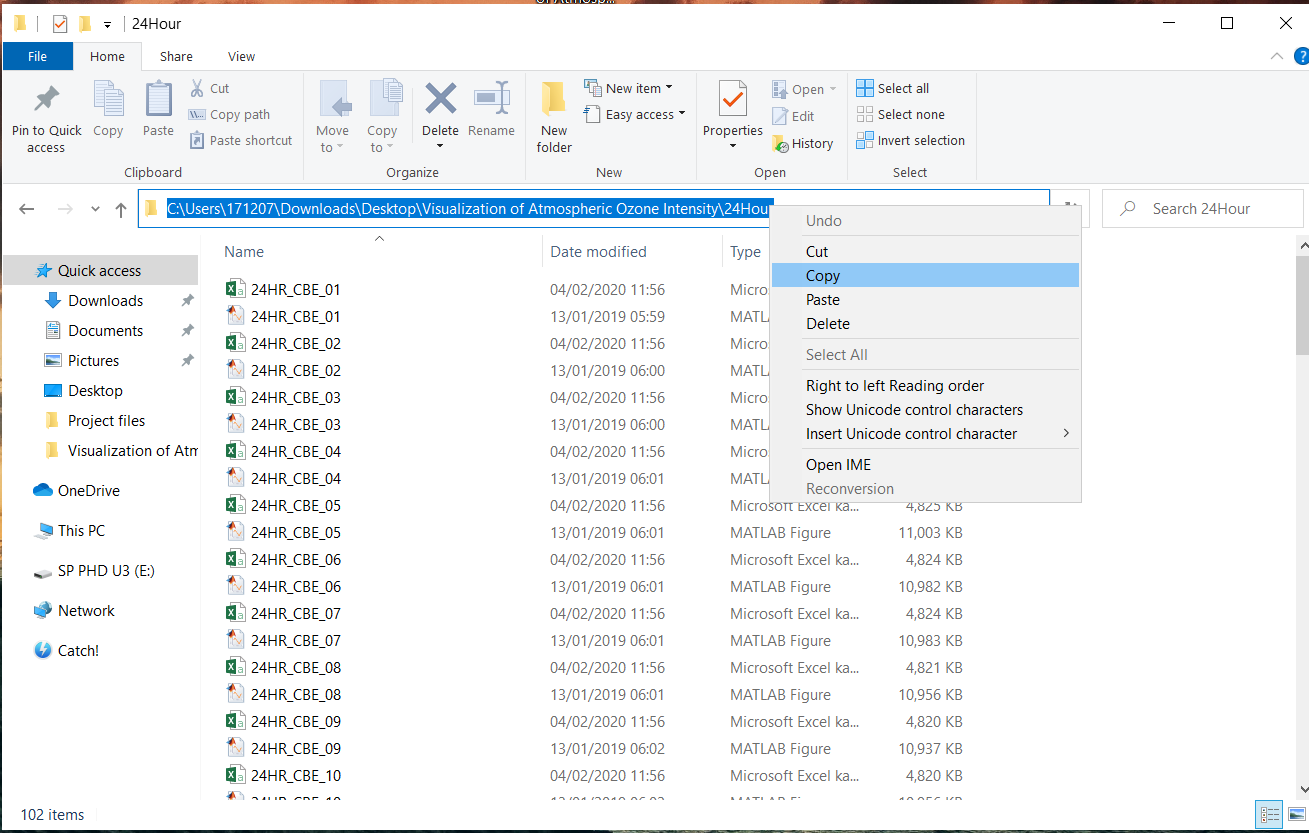
This document will provide a user with a clear step by step tutorial on how to run the program – Visualization of Atmospheric Ozone Intensity. Some of the steps will have a before and after picture indicating what each step should achieve for the user if it is followed correctly.

Before you take a look at the steps, make sure that the Matlab software is available, since the program is programmed in Matlab and will only work with this software. If you don’t have the software please download it from the link below:

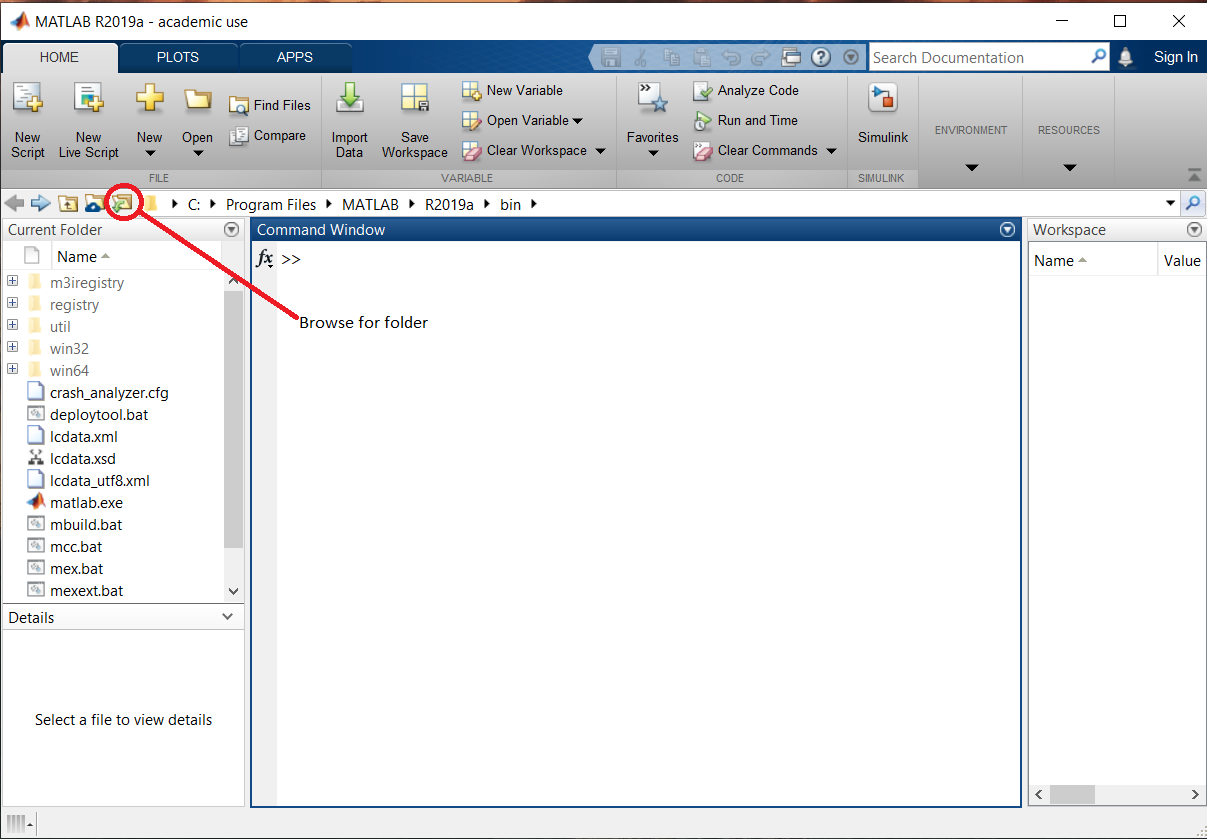
<https://www.mathworks.com/products/matlab.html>



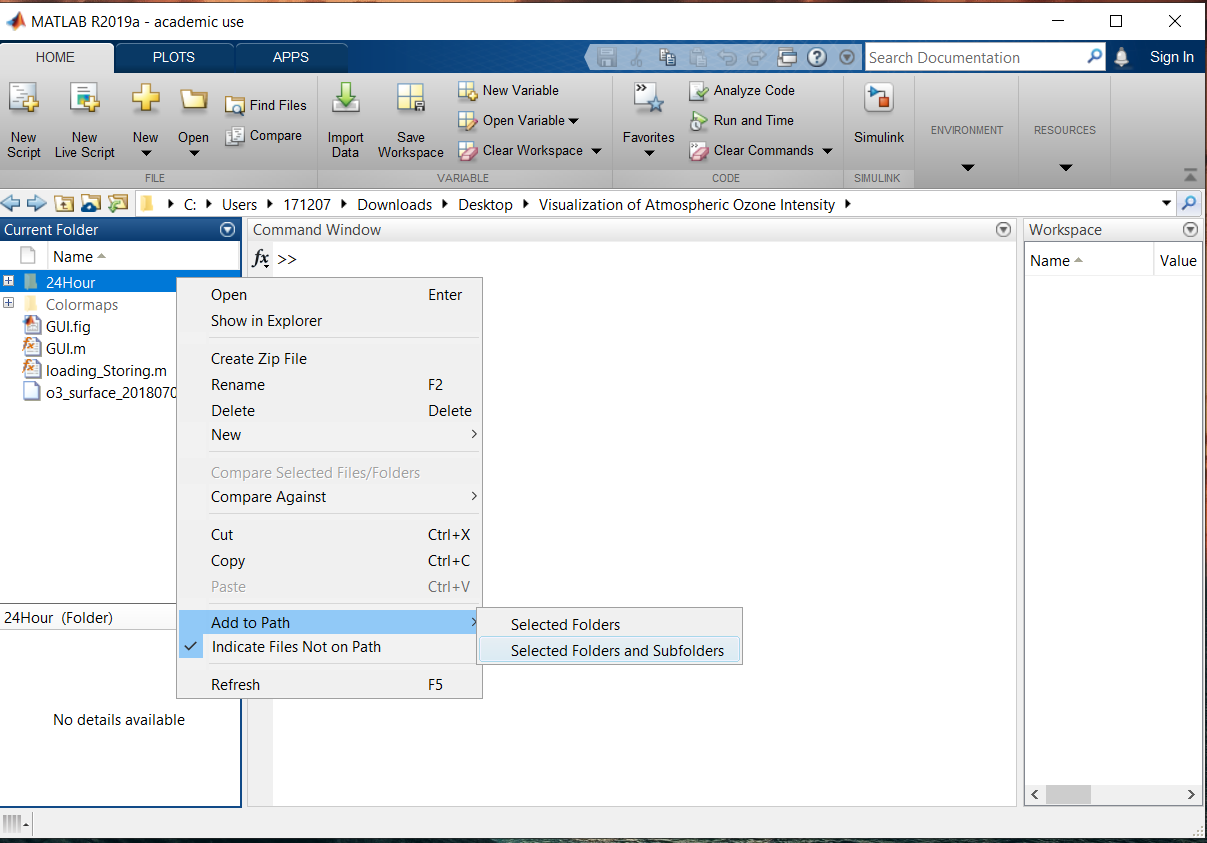
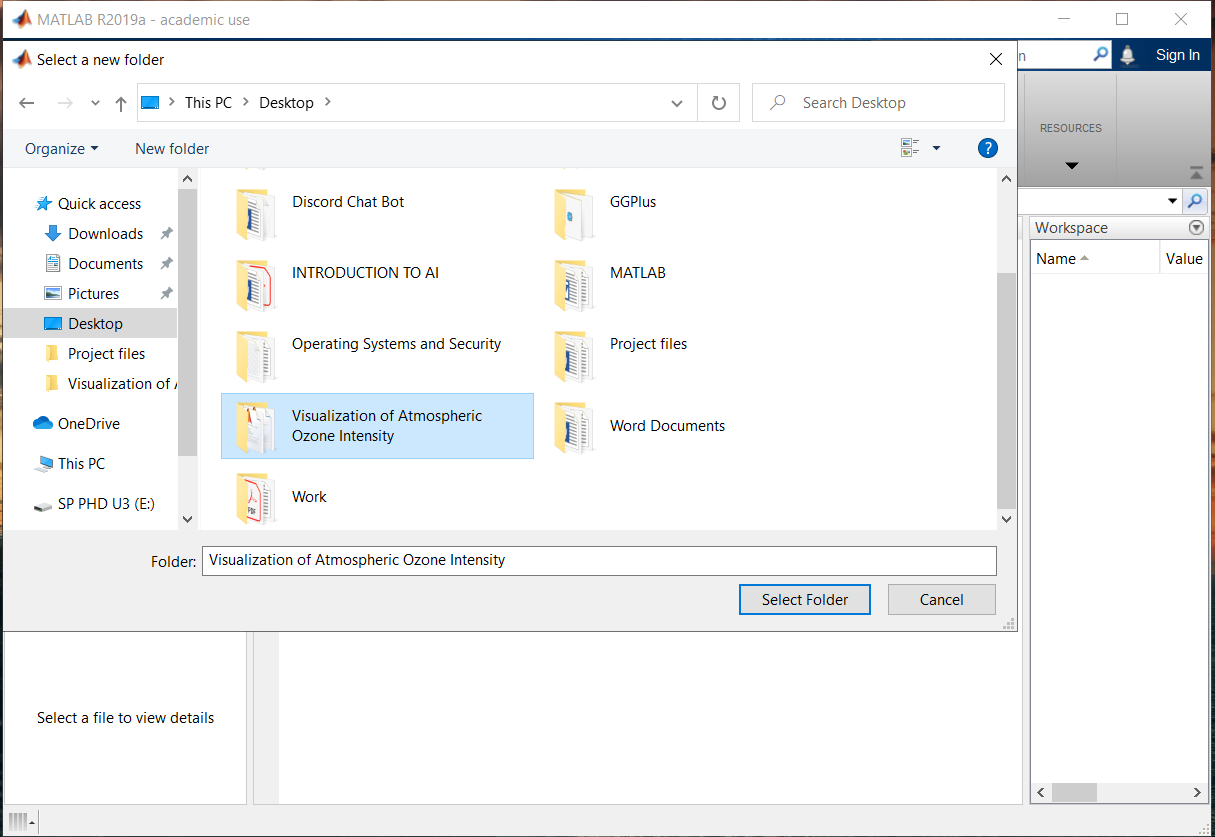
Step 1. Extract the files from the zip file into the location the zip file is currently at or in another location.



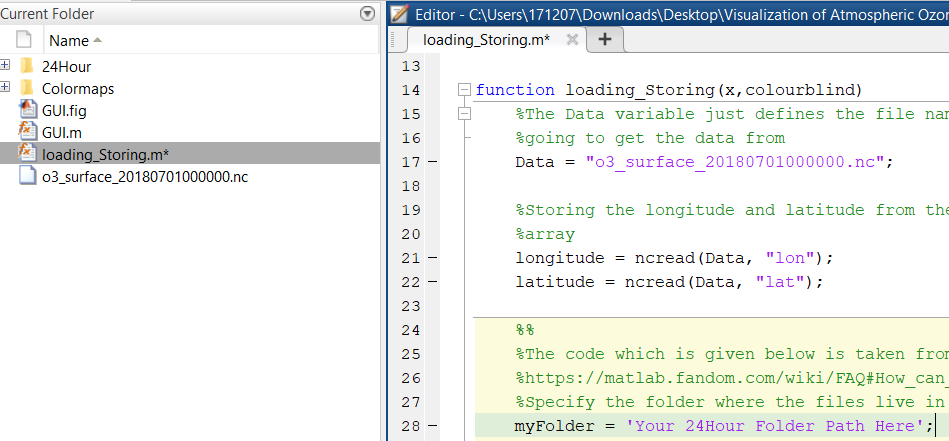
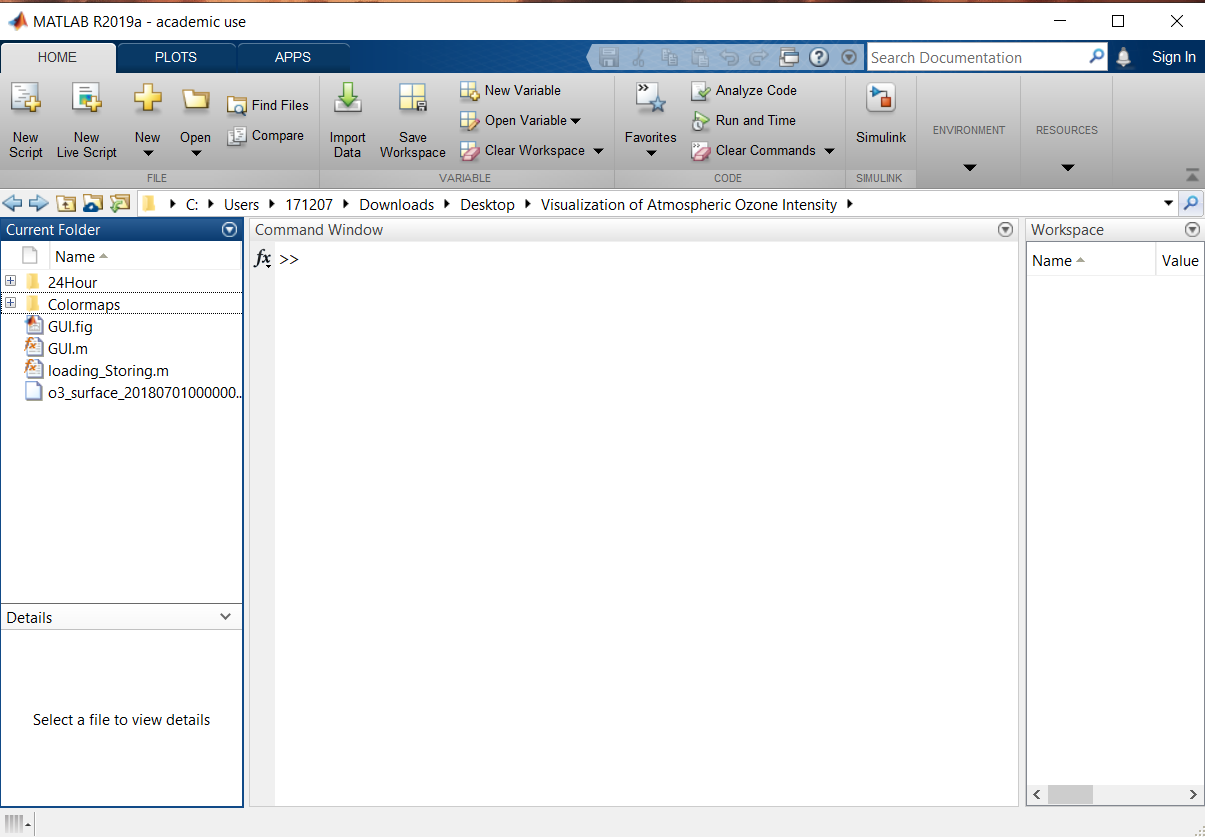
Step 2. When the extraction is done, open the folder Visualization of Atmospheric Ozone Intensity. Navigate to the folder called 24Hour and cope the folder path from there. It should be something similar like in the picture below. The folder can now be closed.



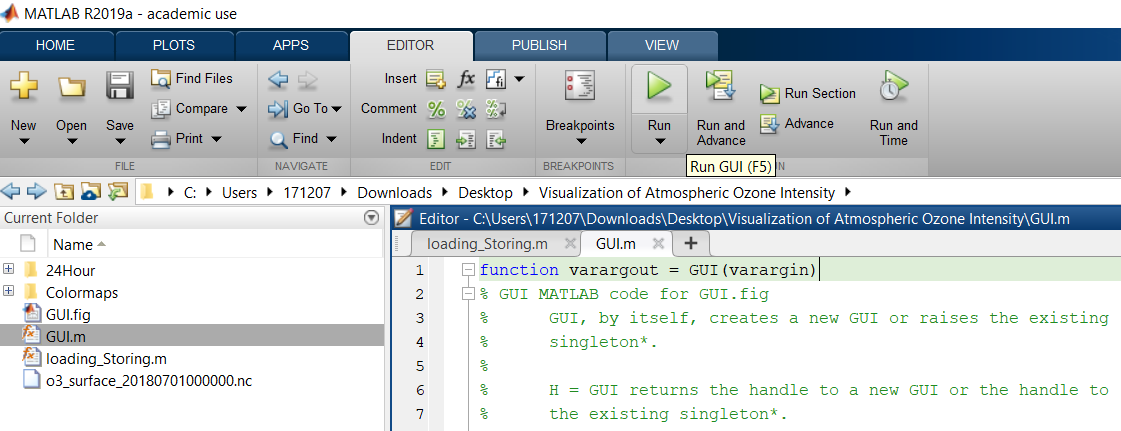
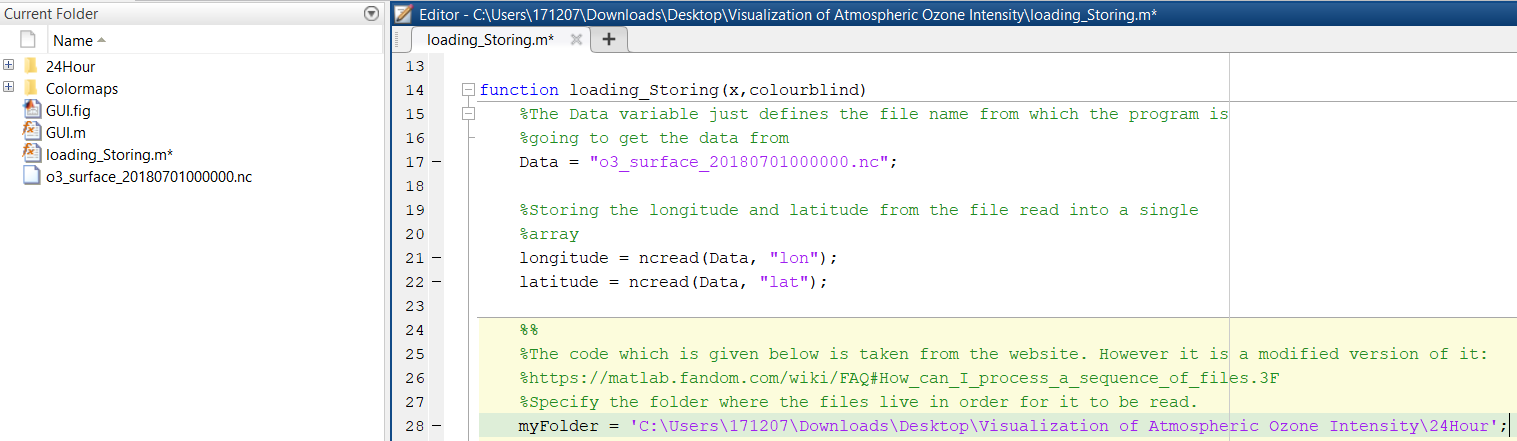
Step 3. Open Matlab software. On the left of the screen locate the "Current folder" tab, above it there will be "Browse for folder" feature. Click on it and select the folder "Visualization of Atmospheric Ozone Intensity".



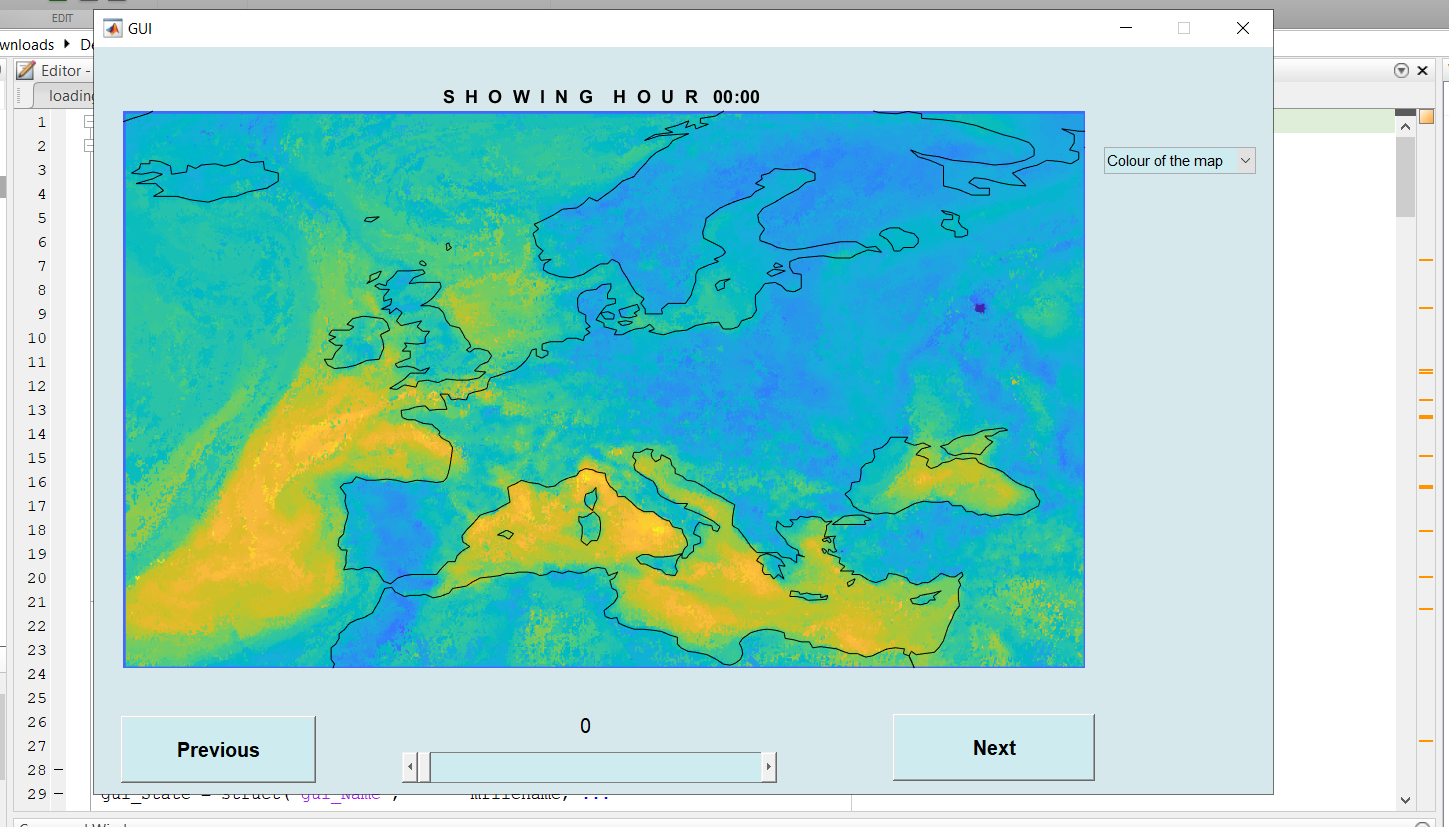
Step 4. When Matlab will open the Visualization of Atmospheric Ozone Intensity folder, the user should notice that the current folder changed. There is now files and folders that belong to the "Visualization of Atmospheric Ozone Intensity" folder. Now navigate to the folder 24Hour and right click on it. Go to “Add to Path” option and select “Selected Folders and Subfolders”, this will add 24Hour folder to the path and if contains any other folders it will include them also. Do the same with folder called “Colormaps”. After these folders are added to path the grey color from them should disappear as in the picture below.



Step 5. Open loading\_Storing.m file in Matlab and go down to line 28, line position can be seen on the left of the code. On line 28 there is only one thing that needs to be changed - variable "myFolder". Change this variables value to be the path of 24Hour folder that you have copied and put it in between ‘ ’. Make sure it is put in between ‘ ’ and make sure that it ends with 24Hour name. The full variable should look like in the second picture after this.



Step 6. When all of the above steps have been achieved, open file GUI.m (NOTE: Not GUI.fig!). Navigate to the EDITOR which is located above all of the code and files. Click on the "Run" button while being in the GUI.m. A new window with graphical user interface should appear and the map will start loading up. Give it a bit for it to load up and when the map fully loads (The colors of the map are visible), it means that you can start using the functionalities of the GUI.



This is the end of the document. By this moment the program should work smoothly and everything should be working correctly. Thank you for taking your time and following these steps.