

A

The screenshot shows the MATLAB IDE. The top menu bar includes HOME, PLOTS, APPS, EDITOR, PUBLISH, and VIEW. The EDITOR tab is selected. The Current Folder browser on the left shows a directory structure with files like user_ftc.m, user_basicfunc.m, testftc.m, plotalc.m, plotal.m, modelfunc.m, isnoise.m, fitfolder.m, fitctag.m, ftc.m, basicfunc.m, analyses.m, analyse.m, results_folder, my data, Guide for LFASS u..., and example data file. The Editor window displays the code for fitfolder.m, which is a main program for analyzing files in a folder. The Command Window below shows the command >> fitfolder.

```

1 % This is the main program provided. To execute, press in your console :
2 % fitfolder.
3 %
4 %
5 % BRIEF DESCRIPTION
6 % This program analyses all the files in a given folder
7 % The program fitfolder and the folder containing all the data have to remain
8 % in the same directory. It returns two .txt files (as well as .xlsx or
9 % .csv files for each excel sheet analysed), in the folder called results_folder.
10 %
11 % DATA FILE FORMATTING
12 % The excel table files have to be formatted as follow. The times series
13 % are organised in rows. The fluorescence data have to come first in chronological
14 % order. The last cell of each row is the sample identifier or tag. There
15 % can be other information between the tag and the data, such as method
16 % name, other sample identifiers... Depending on the configuration of the

```

B

The screenshot shows the MATLAB IDE. The top menu bar includes HOME, PLOTS, APPS, EDITOR, PUBLISH, and VIEW. The EDITOR tab is selected. The Current Folder browser on the left shows a directory structure with files like user_ftc.m, user_basicfunc.m, testftc.m, plotalc.m, plotal.m, modelfunc.m, isnoise.m, fitfolder.m, fitctag.m, ftc.m, basicfunc.m, analyses.m, analyse.m, results_folder, my data, Guide for LFASS u..., and example data file. The Editor window displays the code for fitfolder.m. The Command Window below shows the command >> fitfolder followed by the response "The name of the folder :".

```

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4 %
5 %
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16 %

```

Command Window:

```

>> fitfolder
The name of the folder :

```

C

The screenshot shows the MATLAB IDE. The top menu bar includes HOME, PLOTS, APPS, EDITOR, PUBLISH, and VIEW. The EDITOR tab is selected. The Current Folder browser on the left shows a directory structure with files like user_ftc.m, user_basicfunc.m, testftc.m, plotalc.m, plotal.m, modelfunc.m, isnoise.m, fitfolder.m, fitctag.m, ftc.m, basicfunc.m, analyses.m, analyse.m, results_folder, my data, Guide for LFASS u..., and example data file. The Editor window displays the code for fitfolder.m. The Command Window below shows the command >> fitfolder followed by the response "The name of the folder : my data". The user then defines folder = 'my data' and nfiles = 1. A warning message appears: "Warning: Directory already exists. > In fitfolder (Line 47)". The user then types > the time interval between successive measurements of a given well (It should be identical for all the files within the folder):

```

1 %
2 %
3 %
4 %
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7 %
8 %
9 %
10 %
11 %
12 %
13 %
14 %
15 %
16 %

```

Command Window:

```

>> fitfolder
The name of the folder :
my data

folder =
'my data'

nfiles =
1

Warning: Directory already exists.
> In fitfolder (Line 47)
> the time interval between successive measurements of a given well (It should be identical for all the files within the folder):

```