

## Homework 0 - Internet Browser Bookmark/Favorites Analysis

This exercise analyzes your "Favorites" directory structure for internet browsers. Your task is to efficiently display the number of folders and their nesting (subfolders). This only has to be done for one machine, but preferably it is a machine that has been in use a while so that it has collected a fair number of bookmarks. It would also be interesting to see the number of links in each subfolder.

These favorites are also called "Bookmarks" by browsers other than MS Internet Explorer (e.g., Netscape). In MSIE, the favorites are individual binary files with an ".url" extension, stored individually in various directories in your "favorites" file path. Suppose your computer logon name is JOE. Then, if you use MS Windows 2000 or XP, the files are in C:\Documents and Settings\joe\Favorites. With Netscape, the bookmarks are in a single .html file.

### MSIE

```
Directory of C:\Documents and Settings\joe\Favorites (NEST 0)
05/05/2005  02:28p      <DIR>      Reference & Resources
05/25/2005  05:01p      <DIR>      History
06/02/2005  09:46a      <DIR>      Econ Finance
04/18/2005  09:41a      <DIR>      Finance
04/29/2005  11:05a      <DIR>      Geophysics
11/19/2004  06:40p      189 Search - Google Scholar.url
02/04/2004  02:45p      177 Search - Google.url
01/20/2005  12:38p      160 Search - JSTOR.url
04/18/2004  04:02p      262 Search - Library of Congress.url
...
```

```
C:\Documents and Settings\joe\Favorites\geophysics (NEST 1)
4/18/2005  09:41a      <DIR>      Ionosphere
4/18/2005  09:41a      <DIR>      Magnetohydrodynamics
1/12/2005  09:57a      <DIR>      Data
4/19/2005  04:24p      <DIR>      Radar IR Satellite
4/18/2005  09:41a      <DIR>      Wx
...
```

```
C:\Documents and Settings\joe\Favorites\Geophysics\Wx (Nest 2)
05/03/2005  08:51a      <DIR>      CT
01/05/2005  02:09p      134 NOAA NWS Climate Prediction
Center.url
...
```

```
C:\Documents and Settings\joe\Favorites\Geophysics\Wx\CT (Nest 3)
02/14/2005  05:58p      160 WEATHER WARS.ur
12/02/2004  10:38a      150 1974 US Navy CT Patent.url
```

etc.

### NETSCAPE

## Geophysics

[Volcano Summary Links](#)

[WORLD WEBCAM MONITOR THE FROZEN WORLD](#)

[AGU ToC Alerts Contents of Recent AGU Journals](#)

## Wx

[Aviation Weather links](#)

[supercell.org](#)

[Weather Photography lightning, clouds, atmospheric optics & astronomy](#)

## CT

[1974 US Navy Chemtrail Patent! - What Have They Achieved Since Then](#)

[Aerosol and Electromagnetic Weapons In The Age Of Nuclear War](#)

[AF2025 v3c15-3 Weather as a Force Multiplier Owning... \(Ch 3\)](#)

[Owning the Weather](#)

## Magnetohydrodynamics

[Current Solar Data](#)

## Ionosphere

[HAARP Data Index](#)

[HAARP Site Map](#)

Using the above Netscape example, and assuming you only had one main level of bookmarks called "Geophysics", you could summarize them as:

	<u>Nest 0</u>	<u>Nest 1</u>	<u>Nest 2</u>	<u>Nest 3</u>
Folders	1	3	1	0
Links	3	7	4	0

Alternatively, you could just go to your favorites button and count all the links in each subfolder.

One way to get the directory structure is to use the TREE command; open a DOS window, change to you Favorites directory (see above location), and type TREE. You get an output that looks like this:

Folder PATH listing

Volume serial number is 0006FE80 FC11:357A

```
C:.\n+---Econ Finance\n|   +---Actuarial\n+---Finance\n|   +---market analysis\n|   +---Reference\n|   +---Risk\n+---Geophysics\n|   +---Data\n|   +---Ionosphere\n|   +---Magnetohydrodynamics\n|   +---Radar IR Satellite\n|   +---Wx\n|       +---CT\n...
```

Please submit your data using ONE PAGE ONLY! If you have any questions please feel free to write. (dobelman@stat.rice.edu)