

Tuesday 1/21

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Welcome! 👤

Announcements:

- Results for g01, g02 on Blackboard
- Exercises g03, g04 posted, will be discussed today
- Exercise g05 posted and will be discussed today or Thursday
- All are due **Friday**

Tips:

NEVER use **absolute file paths** in **scripts** or **Markdown**

Absolute path: how to get to the file from *the computer's root directory*

Mac: `/Users/wilcoxen/.../g01-github-pjw-demo/results.md`

PC: `C:/Users/wilcoxen/.../g01-github-pjw-demo/results.md`

These **guarantee** your code **WILL NOT** run on other computers
Also, code **WILL NOT** work if **directory names** are changed

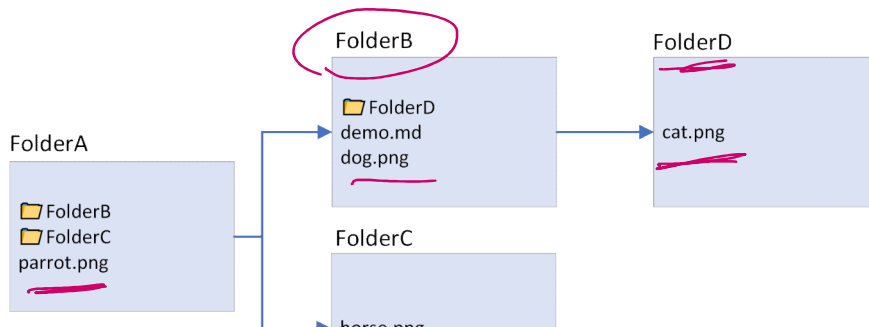
What I see if you use an absolute path:

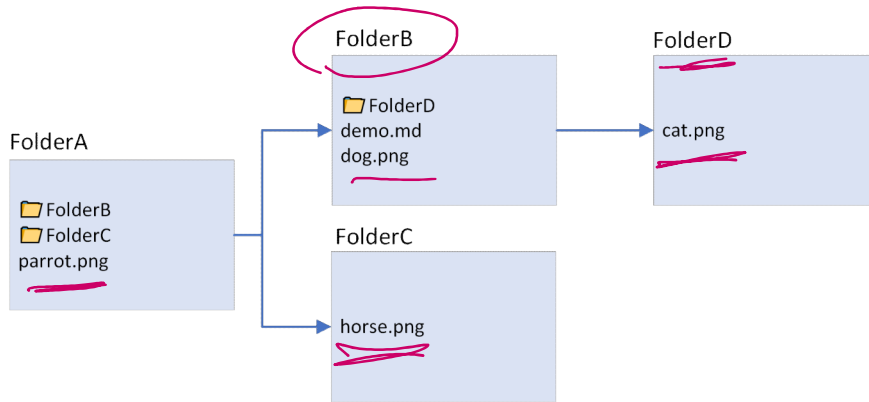
```
Traceback (most recent call last):  
  File "hello2_file.py", line 12, in <module>  
    fh=open (filename,"w")  
FileNotFoundError: [Errno 2] No such file or directory: '/Users/.../Documents/GitHub/g02-hello2_file.py'
```

Always use paths **relative** to script

Relative path: how to get to the file from *the current working directory*

Example: referring to images from demo.md in FolderB:





Case	Image	Explanation
1	dog.png	In same directory, no path needed
2	FolderD/cat.png	In child directory
3	../parrot.png	In parent directory
4	../FolderC/horse.png	In sibling directory

In Markdown **spaces can matter** (shown with below):

Markdown	Meaning	Approximate Rendering
# <input type="checkbox"/> Something	Markdown: Level 1 (large) heading	Something
#Something	No space: plain text	#Something
Something	Markdown: Emphasis (bold in Slack, WhatsApp)	<i>Something</i>
Something	Markdown: Emphasis (<i>italics</i> in Slack, WhatsApp)	<i>Something</i>
Something	Markdown: Strong emphasis	Something
* <input type="checkbox"/> Something <input type="checkbox"/> *	No space: plain text	* Something *

* `Something` * No space: plain text

* `Something` *

Super important place where spaces matter: file names in links

- TL;DR version:

DO NOT use spaces or punctuation other than - and _ in file names:

No	Yes
My <code> </code> Puppy.png	MyPuppy.png
My(Adorable!)Kitten.jpg	My-Adorable-Kitten.jpg

- Long version:

Spaces and punctuation can be included with extra work
... but it's not a good idea

If you're not sure about Markdown:

- See the Markdown Cheatsheet on the class web page
- Check using the VS Code previewer
- Even better, install the **markdownlint** extension

