

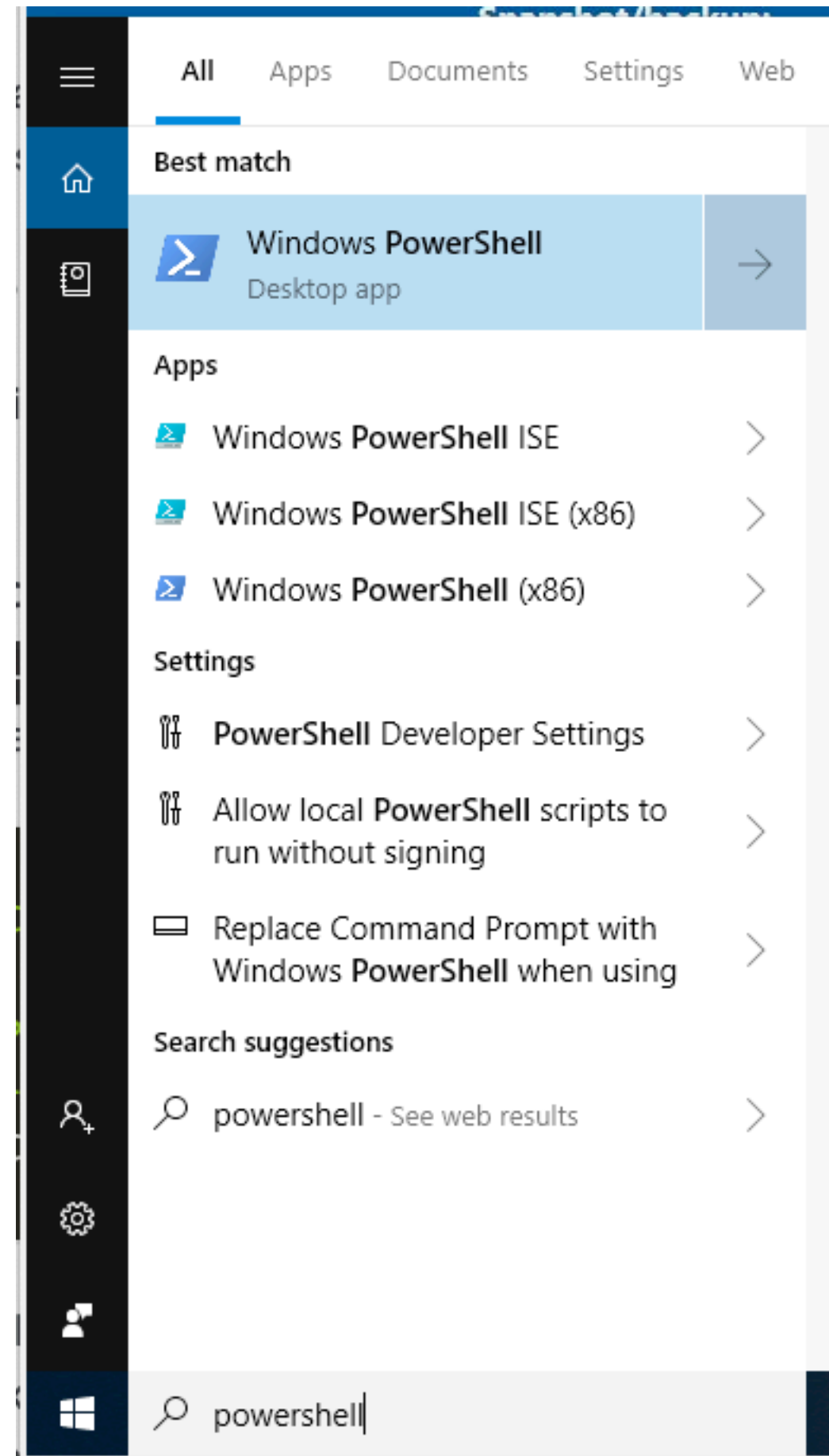
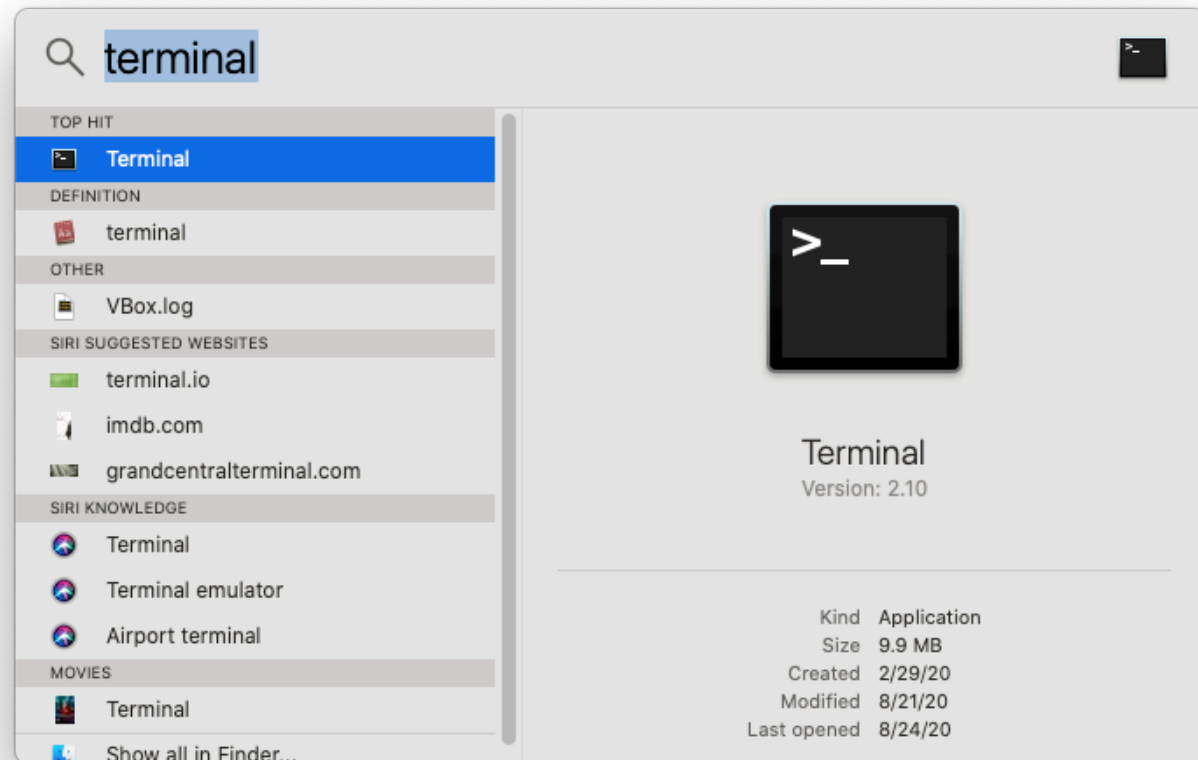
INFO-664-01

Programming For Cultural Heritage

Command Line Basics

Command Line

- Navigating
- Listing files
- Moving files
- Some command line tools





- 'ls' - list files in the directory
- 'pwd' - where are you
- 'cd' - change directory
 - 'cd ..' - go down one level
- `mkdir` - make directory
- `mv` - rename/move file



- 'ls' - list files in the directory
- 'Get-location' - where are you
- 'cd' - change directory
 - 'cd ..' - go down one level
- `mkdir` - make directory
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- ``grep`` - look for text in a file
- ``wc`` - count the number of words
- Many many many more...
- ``|`` - pipe send output to another program
- ``>`` - send output to file




- ``findstr`` - look for text in a file
- ``|`` - pipe send output to another program
- ``>`` - send output to file

More here: <https://mathieubuisson.github.io/powershell-linux-bash/>

- OSX/LINUX: Use `—help` or `-h` to view command options. Example: `grep -h`
- Use `PWD` or ‘Get-location’ to know where you are in your system.
- Use autocomplete. all. the. time. ([TAB] key).
- Use quotes (“”) for things that have space.

“Can you send me a list of the file names?”

“Can you split that CSV file up for me?”

NYPL Labs

What's on the menu?
Est. 2011

Menus
Dishes
Data
Blog
About
Help

Help The New York Public Library improve a unique collection!

We're transcribing our historical restaurant menus, dish by dish, so that they can be searched by what people were eating back in the day. It's a big job so we need your help! [Learn more.](#)

Connect: menus@nypl.org | [Twitter](#) | [Facebook](#)

We need you!


Help review

It's easy! No registration required!

So far: **1,331,950 dishes** transcribed from **17,545 menus**

Mad Menus

Revisit Mad Men episodes past and remember your favorite characters visiting these classic New York City establishments!




Done!

Hotel Pierre

1944

59 dishes




Done!

The Savoy Plaza

1927

11 dishes




Done!

Carnegie Delicatessen And Rest...

0


277 dishes



Done!

Ferrara

87 dishes




Done!

ONLY

The Waldorf Astoria

1951


14 dishes



Under Review

Howard Johnson's

132 dishes



Map our Menus!

Need a break from transcribing? Help us locate menus with our new Geotagger tool.

Help review

Transcribed menus that need a second pair of eyes. Help fix misspellings, fill in missing data...


Explore

Browse the collection. 17,545 menus digitized and counting...

Today's specials

An assortment of dishes from the collection

- Omelette Surprise
- Crisp Celery
- Ham & Eggs
- Beach Ice Cream



Grep Example. Lets look for specific text in a large(ish) file

Activity: Try using these command line tools on a data file.
(you can find more data at: <https://opendata.cityofnewyork.us/>)

We can also try using “less” and “tail”