

# How to backup your iOS device to an External Disk



*Prescott Mac Users Group*



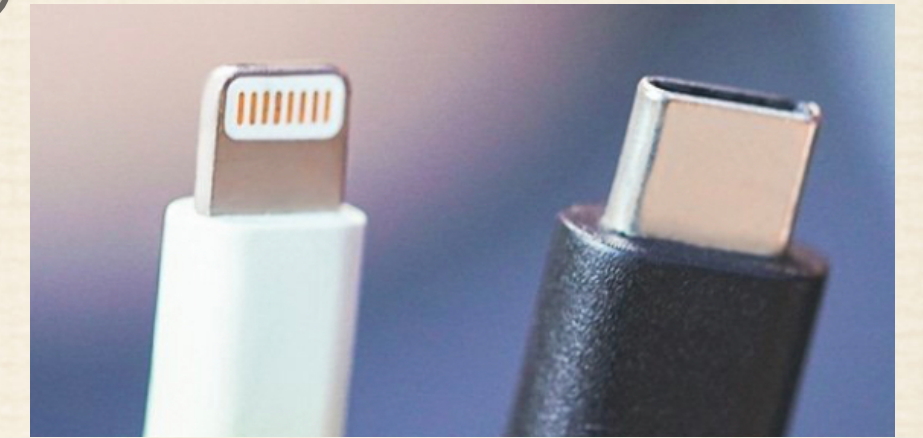
# Reading/Writing to an External Drive

- ❖ Upgrade to iOS13 required, released in 2019
- ❖ Know what interface (Lightning or USB-C) your iOS device has
- ❖ Buy the correct connections between External Disk and Device
- ❖ Identify the software needed to read/write



# Writing to an External Drive

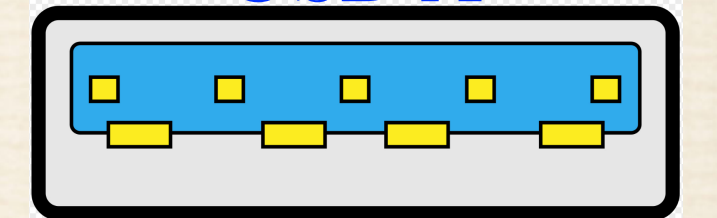
Lightning USB-C



❖ iPhones & iPads have either Lightning or USB-C (newer) ports

❖ External disks usually have a USB-A or USB-C port

USB-A



USB-C

❖ Connectors come in many styles and number of ports

Lightning to USB



Lightning to USB+



USB-C to USB/HDMI



iPad Pro USB-C Hub





# Writing to an External Drive

- ❖ Power is an issue!!!
- ❖ Size of external disk (32GB thumb drive vs 2TB external SSD)
- ❖ iPad Pros may have enough power to read/write to an external drive
- ❖ iPhones do not, so need to have a connector that supports a power plug as well as the connection to the external disk



# Writing to an External Drive

- ❖ What software are you using??
- ❖ Apple built in Files App will access external drive
- ❖ Some photo software Apps can access an external drive





# Writing to an External Drive

- ❖ Using Apple Files App
- ❖ Open Files App, on iPad view disk under Locations
- ❖ On iPhone, Tap Browse on the bottom menu
- ❖ View by name, date, kind, size, etc.
- ❖ View by list or by icons

## Browse

Search

### Locations

- iCloud Drive
- On My iPhone
- Dropbox
- 256GB MacOS
- Recently Deleted

### Favorites

- Downloads
- OLLI
- Personal
- PMUG
- Yakashba Estates



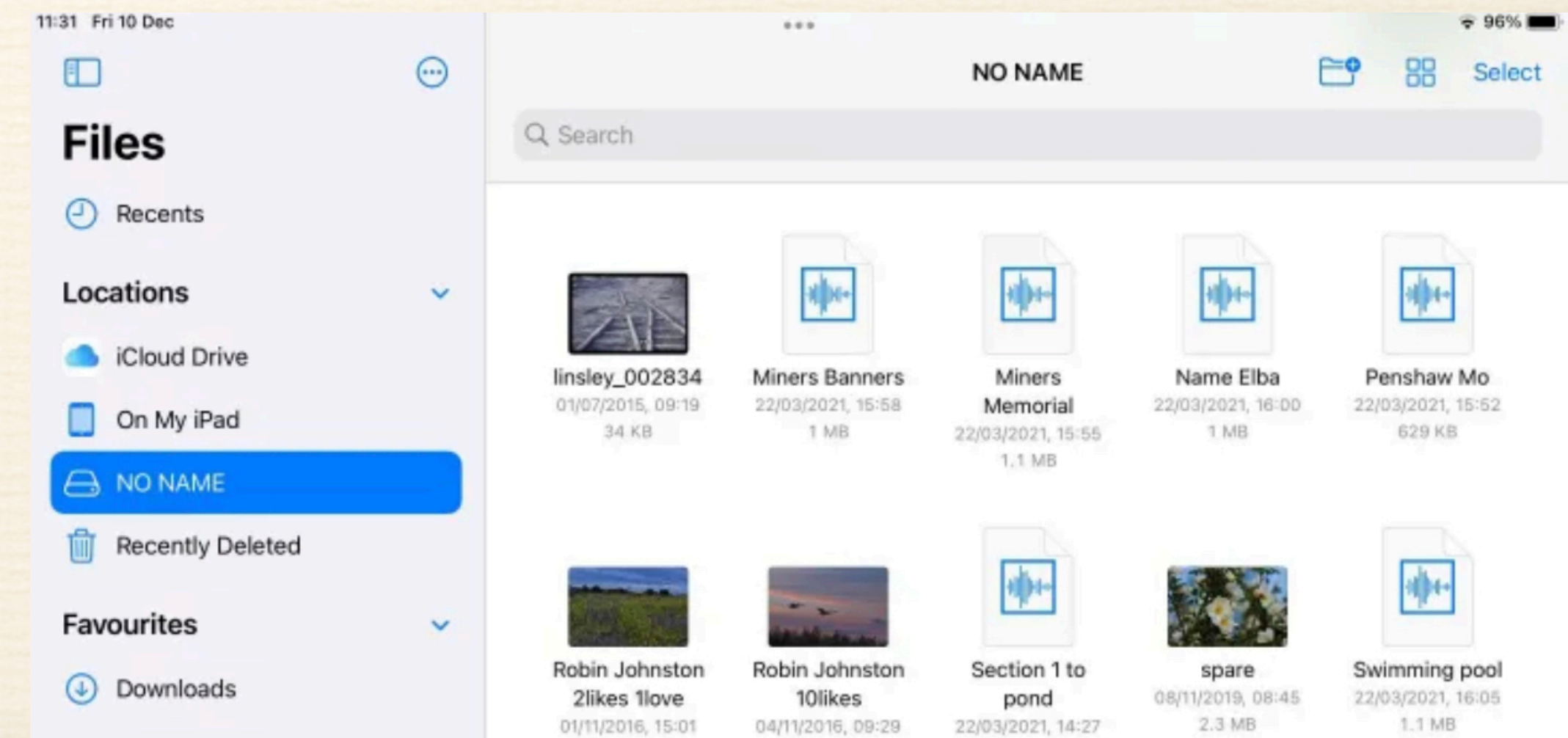
Recents



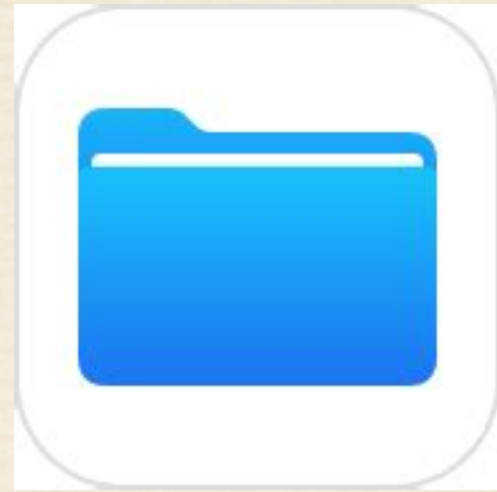
Shared



Browse

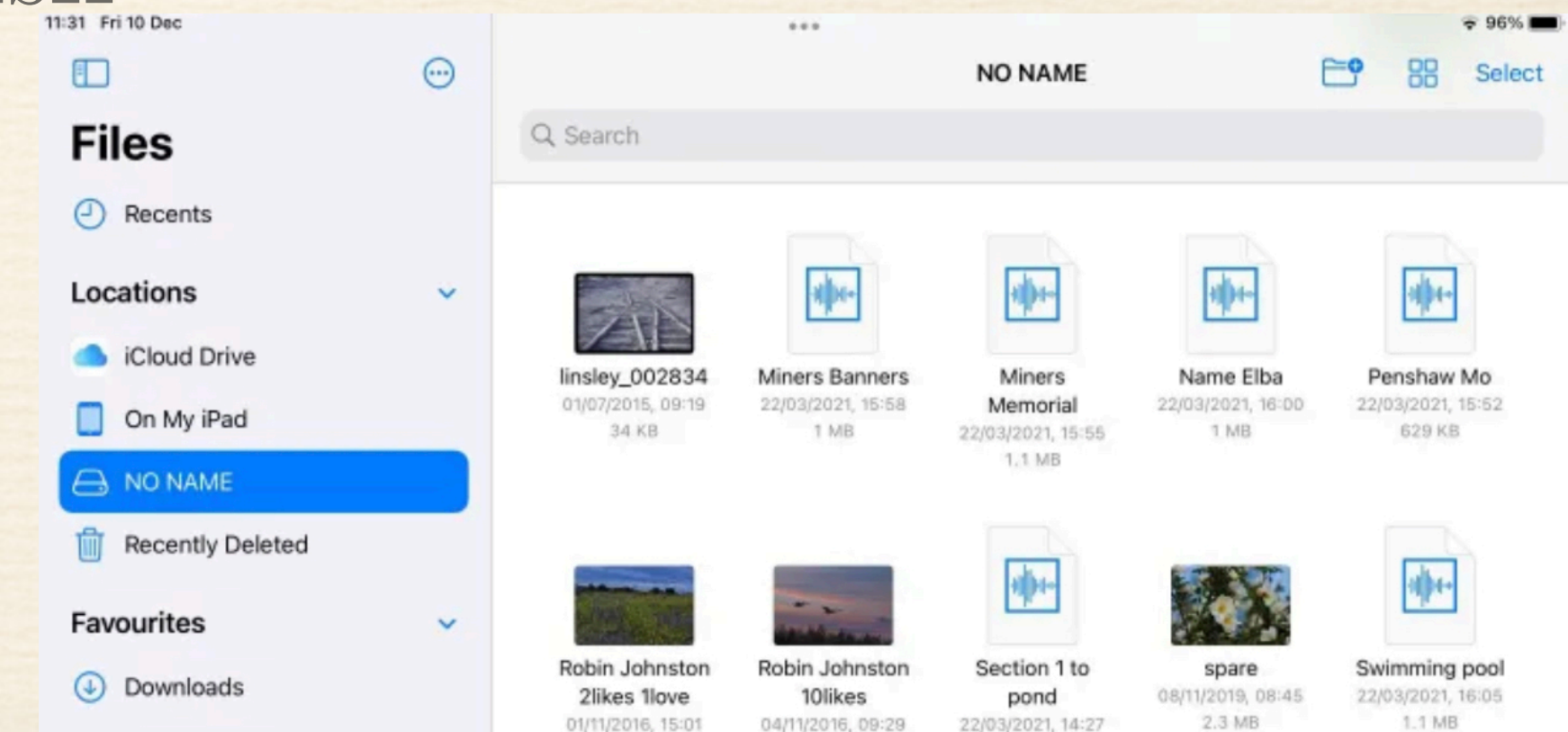




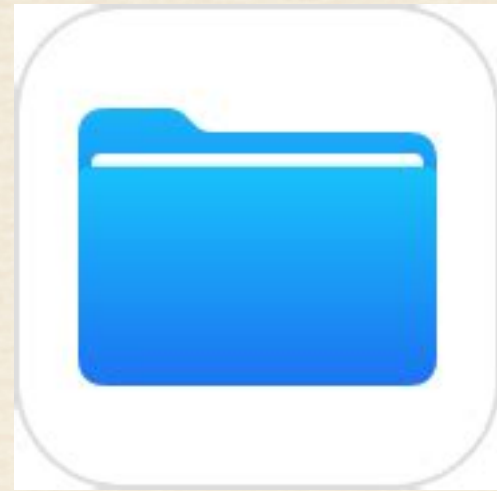


# Writing to an External Drive

- ❖ Tap on the either iCloud Drive or On My iPhone
- ❖ Tap on 3 dots in top right and tap Select
- ❖ Tap on the circle (to left of file in list view or on top of file in icon view) for files you want to move to external disk
- ❖ Tap on Folder icon on bottom

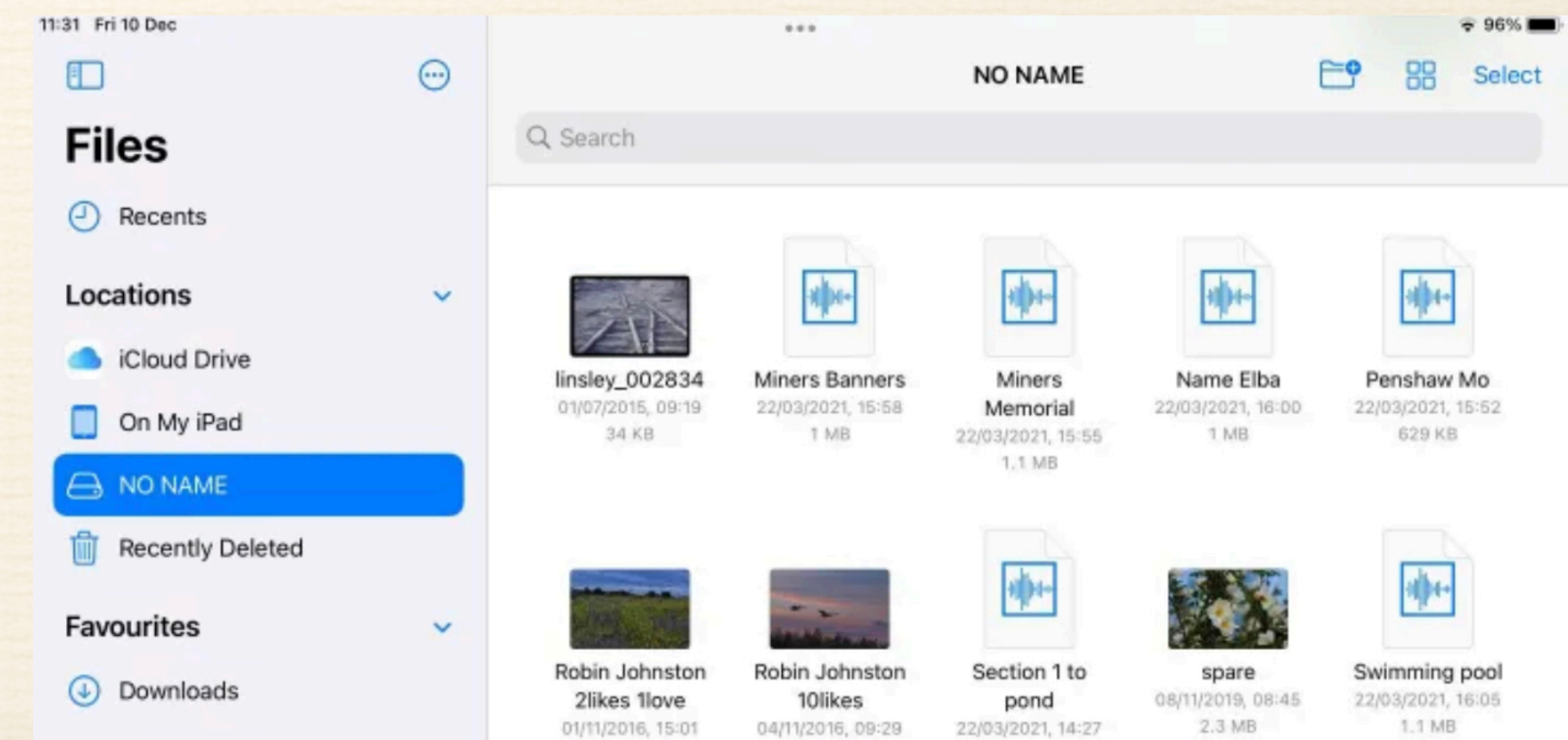
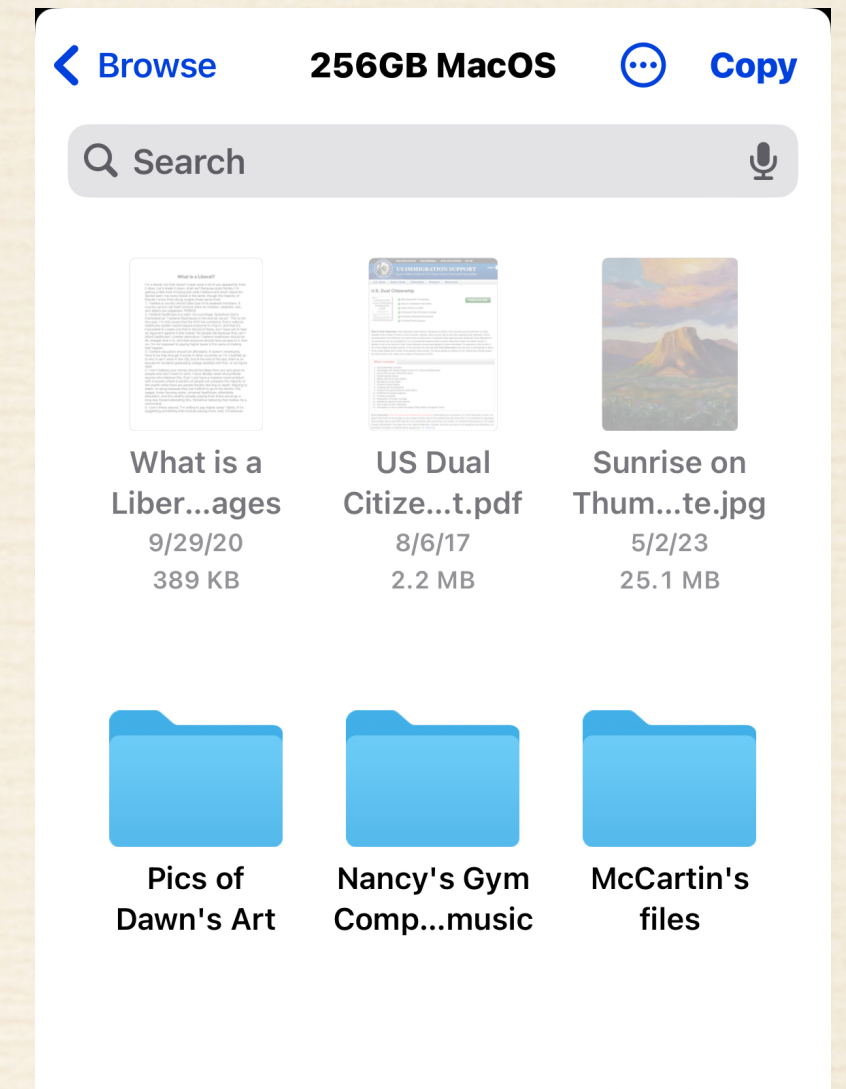






# Writing to an External Drive

- ❖ Tap Browse at top left & select external drive
- ❖ Navigate to folder to put the files and tap once on folder icon
- ❖ Tap on Copy on top right
- ❖ Done!





# iPhone Backup to iCloud

- ❖ Preferred and best way to backup your iPhone
- ❖ Does NOT include data backed up using other settings
  - ❖ iMessages
  - ❖ Notes
  - ❖ Apple Mail
  - ❖ Calendar
  - ❖ iCloud Photos
  - ❖ Apple Pay
  - ❖ Contacts
  - ❖ Music
  - ❖ App Store



# Backup Your iPhone to Your Mac

- ❖ Backup your iPhone to your Mac
  - ❖ Connect iPhone to Mac using charging cable (may need to “Trust this computer”)
  - ❖ Open Mac Finder window, and under Locations, click on iPhone name
  - ❖ In new popup window , click on General, then under Backups, click on “Back up all of the data on your iPhone to this Mac”
  - ❖ Choose whether to Encrypt this local backup



# Backup Your iPhone to Your Mac

Favorites

Applications

frank

Recents

AirDrop

iCloud

iCloud Drive

Desktop

Documents

Downloads

OLLA 2022

OLLI

Personal

Photos

PMUG

Prescott

Yakashba Estates

Shared

Locations

FC 16" MBP

FC13

FC5TB Photos

Data SSD

SSD 2TB

Dropbox

FC13

iPhone 13 · 255.87 GB (27.99 GB Available) · 96%

General

Music

Movies

TV Shows

Audiobooks

Books

Photos

Files

Info

Software: iOS 17.1

Your iPhone software is up to date. Your Mac will automatically check for an update again on 11/6/23.

Check for Update

Restore iPhone...

Backups:

☐ Back up your most important data on your iPhone to iCloud

☒ Back up all of the data on your iPhone to this Mac

☒ Encrypt local backup

Change Password...

Encrypted backups protect passwords and sensitive personal data.

Last backup to this Mac: Today, 1:14 PM

Back Up Now

Manage Backups...

Restore Backup...

Options:

☐ Prefer standard definition videos

☒ Sync only checked songs and videos

☐ Show this iPhone when on Wi-Fi

☒ Automatically sync when this iPhone is connected

☐ Manually manage music, movies, and TV shows

☒ Convert higher bit rate songs to 128 kbps AAC

Configure Accessibility...

Reset Warnings

Audio

Documents & Data

Revert

Apply

1:23

General

iPhone Storage

Size

Synced Content

134.71 GB

Music

Last used: Today

48.3 GB

Audible

1.7 GB

Health

Last used: 10/23/23

1.39 GB

Mail

Last used: Today

1.22 GB

Merlin Bird ID

975.4 MB

Audubon

878.5 MB

Books

859.1 MB

Gaia GPS

755.8 MB

Messages

Last used: Today

542.5 MB

Nature

Last used: 10/26/23

528.8 MB

334GB



# Copying Backup to External Drive

- ❖ Move your backup folder on the Mac to your external disk
- ❖ Go to "~ /Library/Application Support/MobileSync/Backup/" in Finder (hold down the Option key while clicking on Go in the Finder menu to select Library)
- ❖ This does not remove the backup folder
- ❖ This only provides you a second copy of that backup in case your Mac is stolen



# Backing up to External Drive

