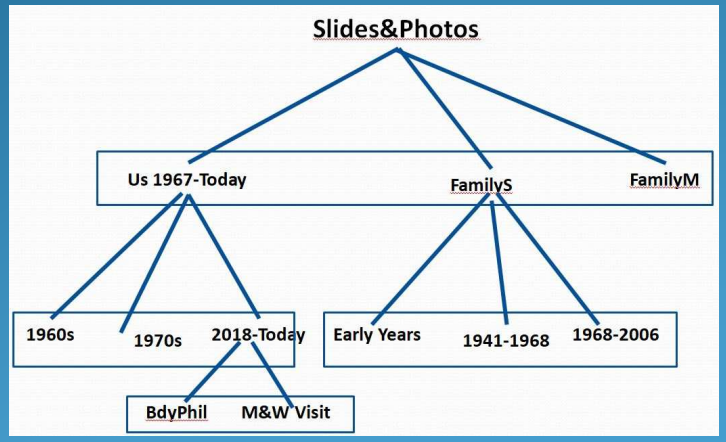
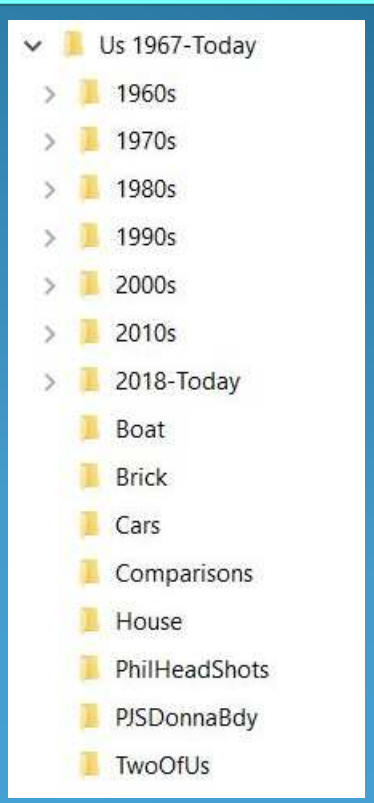
Pictures

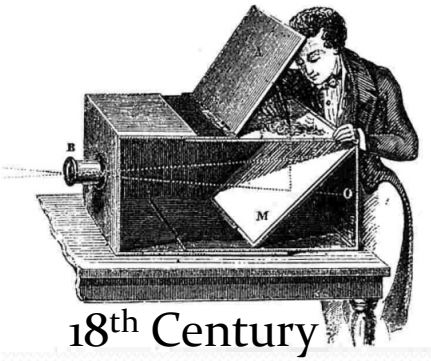
Collecting & Organizing





In the Journal 2018-07 Organizing Pictures

Camera –History



18th Century
Pin Hole Camera

1839

Late 1800s

1900 Kodak Brownie

1939

1959

1965 Poloroid

1986

1995 DIGITAL

My first one in 2002

It's all about Pixels

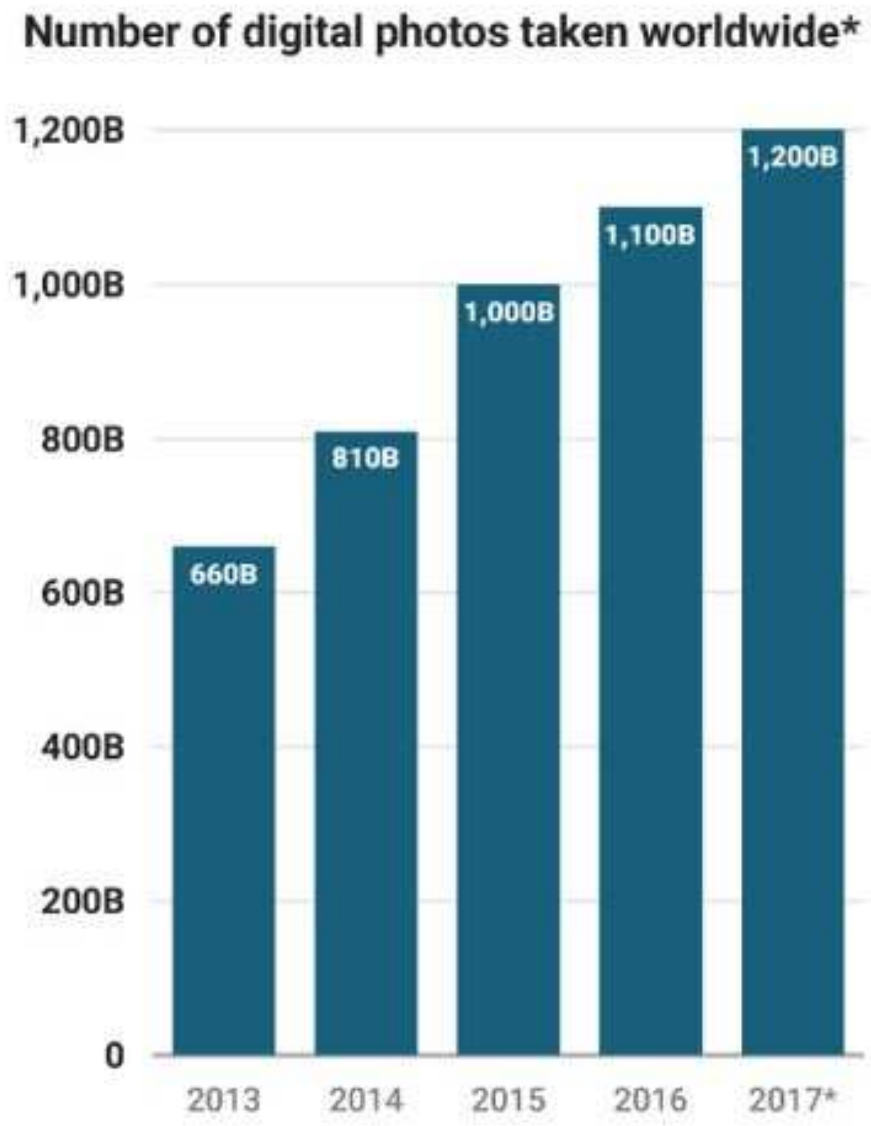
Digital Photography –History

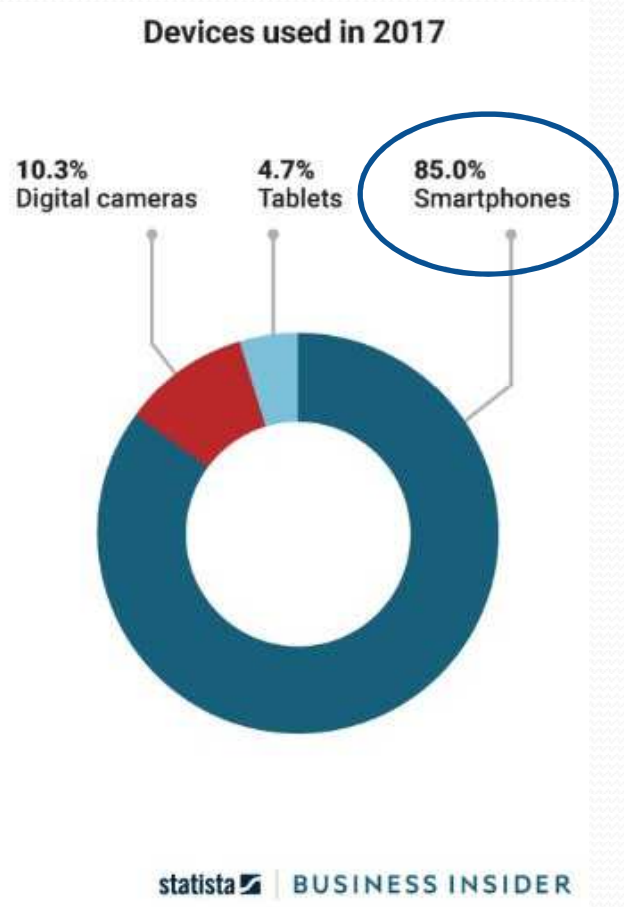
- 1969 Charge-Coupled Device (CCD) semiconductor invented
- 1973 Fairchild Semiconductor releases the first Image-capturing CCD at .01 Megapixels (100 x 100)
  - (A modern 10 Megapixel camera has 1000 times the density)
- 1986 Kodak develops the first Megapixel sensor
  - (Current cameras have 20+ Megapixels)
- 1988 JPEG standard developed (Joint Photographic Experts Group)
  - Lossy Compression
  - Compression Ratio is Adjustable

Digital Pictures are Computer Files

- Basic Organizational Tool is **File Explorer**
  - Create a folder Infrastructure to store the Pictures
  - Move (or Copy) Pictures among folders
- Many Picture File Types (nnnnnnn.xxx)
  - .jpg, (.jpe, .jpeg)
  - .png, .bmp, .gif, .raw, .tiff, .pcx, …
  - File Format Converters
    - PixConverter, Pixillion
- Picture Viewers (Imaging Software)
  - Microsoft Photos, Google Photos, Photo Gallery, Faststone, Picasa

Photography Statistics





Phone-Photo Statistics*

- Average smartphone user takes 150 photos/month (5/day)
  - Under 25 years old – 250 photos/month
  - More recent estimate of users in the USA only - 20/day
- Apple phone users 185/month
- Android phone users 111/month (less expensive/capable devices)
- Male Android user takes the least at 90/month

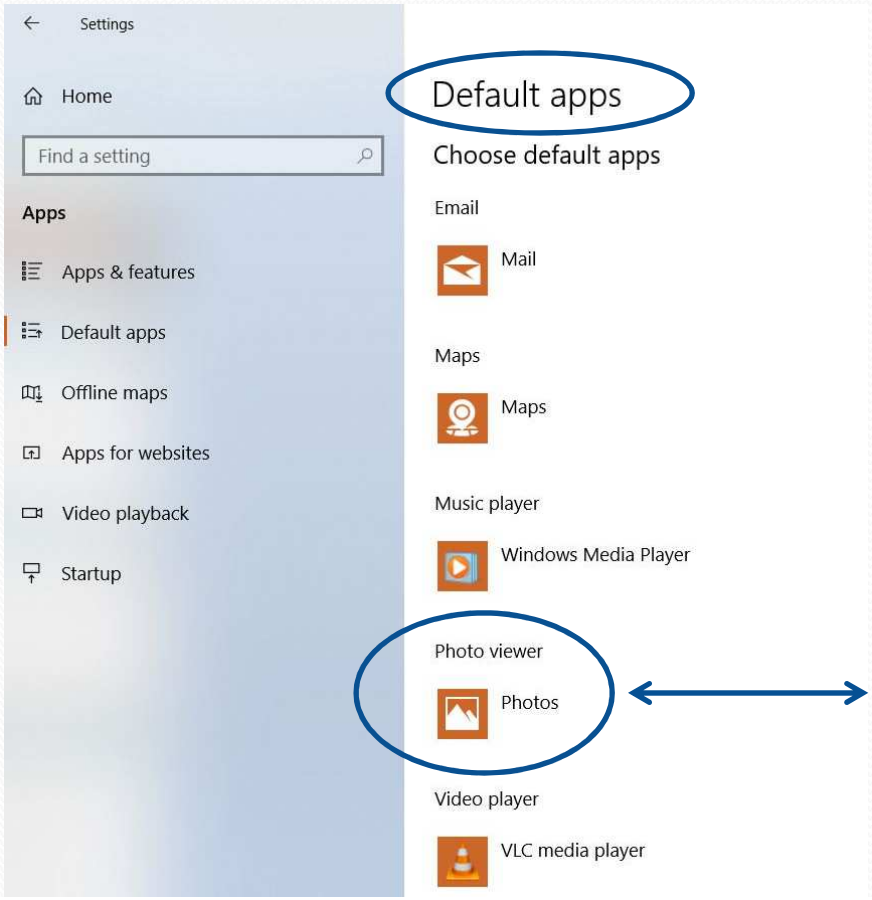
- Average smartphone has 630 pictures on it (and 24 videos)

- Women take 47% more photos than men
- Men take 15% more videos than women

*Analysis by Magisto – 66,000 smartphone users worldwide (circa 2015)

Windows (by Default) Associates Pictures with "Photos" App

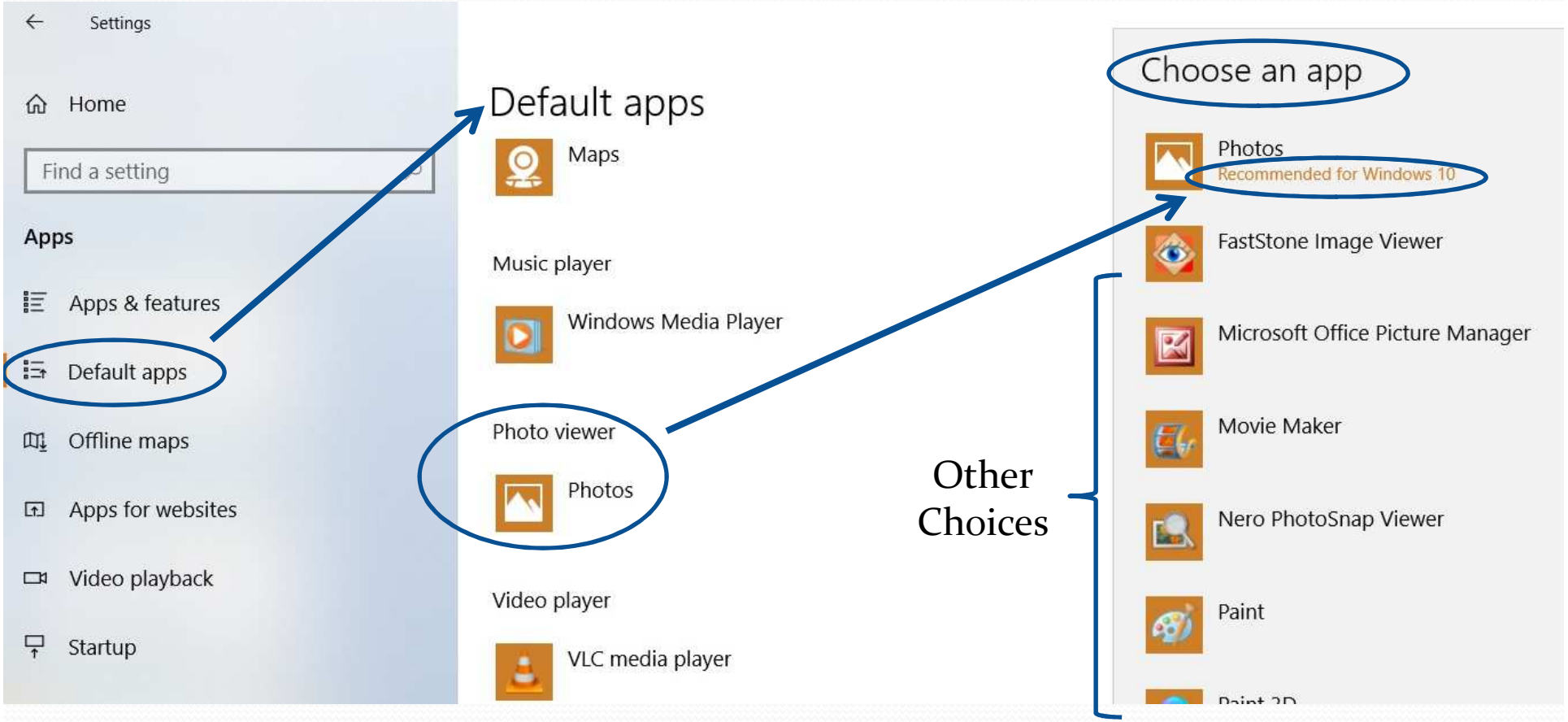
- Association can be changed in Settings – Apps – Default Apps



Microsoft "Photos"
(**not** Google Photos)

Change Association

- Click the “Photos” photo viewer
- Click the App to Associate with Pictures



Renaming Multiple Photos

- After photos are in the computer, find the folder
- Select all of the photos to be ReNamed
- Right-Click the first photo to be ReNamed, Select Rename
- Enter the new "group" name, then press Enter

Pictures Selected

Names Changed

How to Select Multiple Item

(for Move or Copy)

- **Contiguous Items**

  - Select the first item
  - Hold the Shift-key down, and select the last item

- **Non-Contiguous Items**

  - Select the first item
  - Hold down the Ctrl-key and select the second item
  - Still holding down the Ctrl-key select all other items

Duplicate Pictures/Files

Free

- Ccleaner –Tools-Duplicate Finder (duplicate file names)
- Duplicate File Remover (Microsoft App store)
  - Operation not quite obvious
- Use File Explorer –Sort by:
  - Date Created, Date Taken, Date Modified
  - Size (look for files with exact sizes)
- Clone Files Checker
- Search Everything (Ninite.com or FileHippo.com)

$

- Duplicate Cleaner Pro ✓
- Duplicate Sweeper
- Duplicate Photo Finder and Remover
- Duplicate Photos Fixer Pro

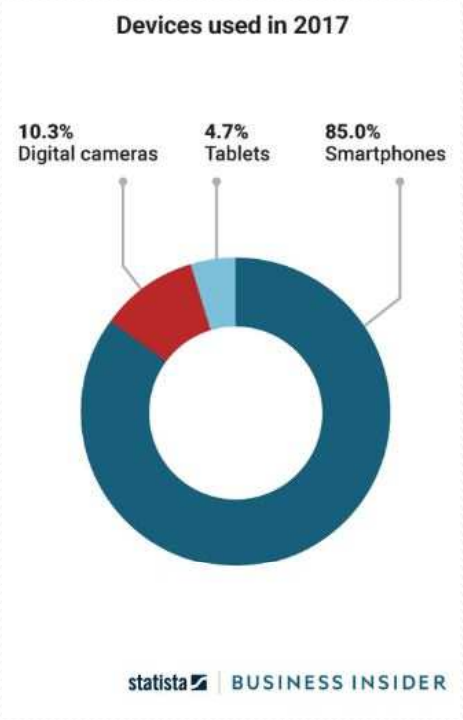
by Digital Volcano $29
(similar image detection)

- Form Good Habits –"Organize as you Go"

Sources of Pictures

- Smartphones (2 Cameras)
  - Scenery or People
  - Selfies

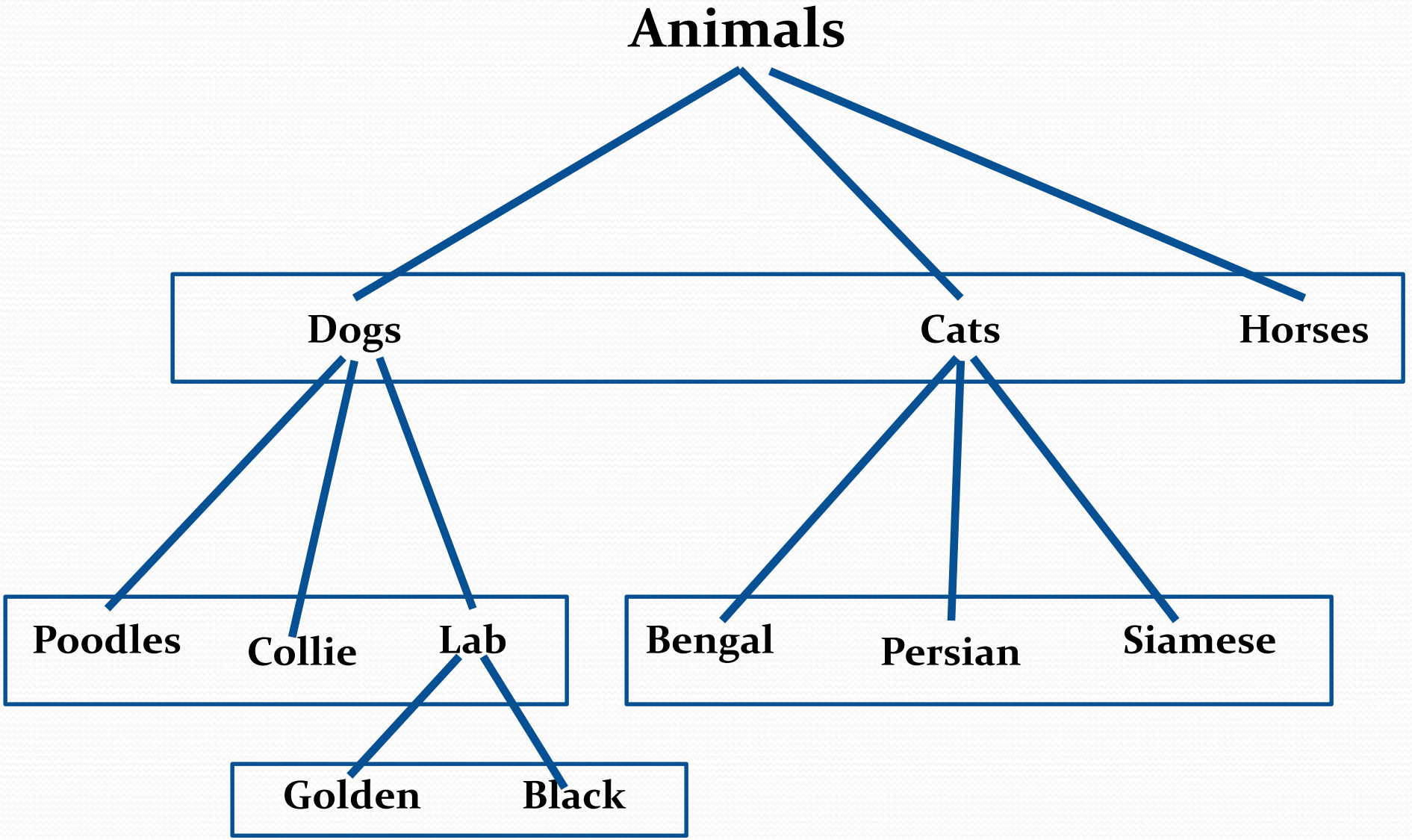
- Camera
  - DSLR (Digital Single Lens Reflex)
  - Point & Shoot
  - Super Zooms (50X)
- Attachments to Email or Text
- Scanner (Pictures, Documents, Slides)



To Organize a Picture Folder Consider Hierarchical File Organization

Windows (File) Explorer

Hierarchical Organization



Organize Your Pictures

✔ Chronological Folders

- 2000s
  - 2000
    - Trip to Las Vegas
    - Trip to San Francisco
  - 2001…
- 2010s
  - 2010
  - 2011…

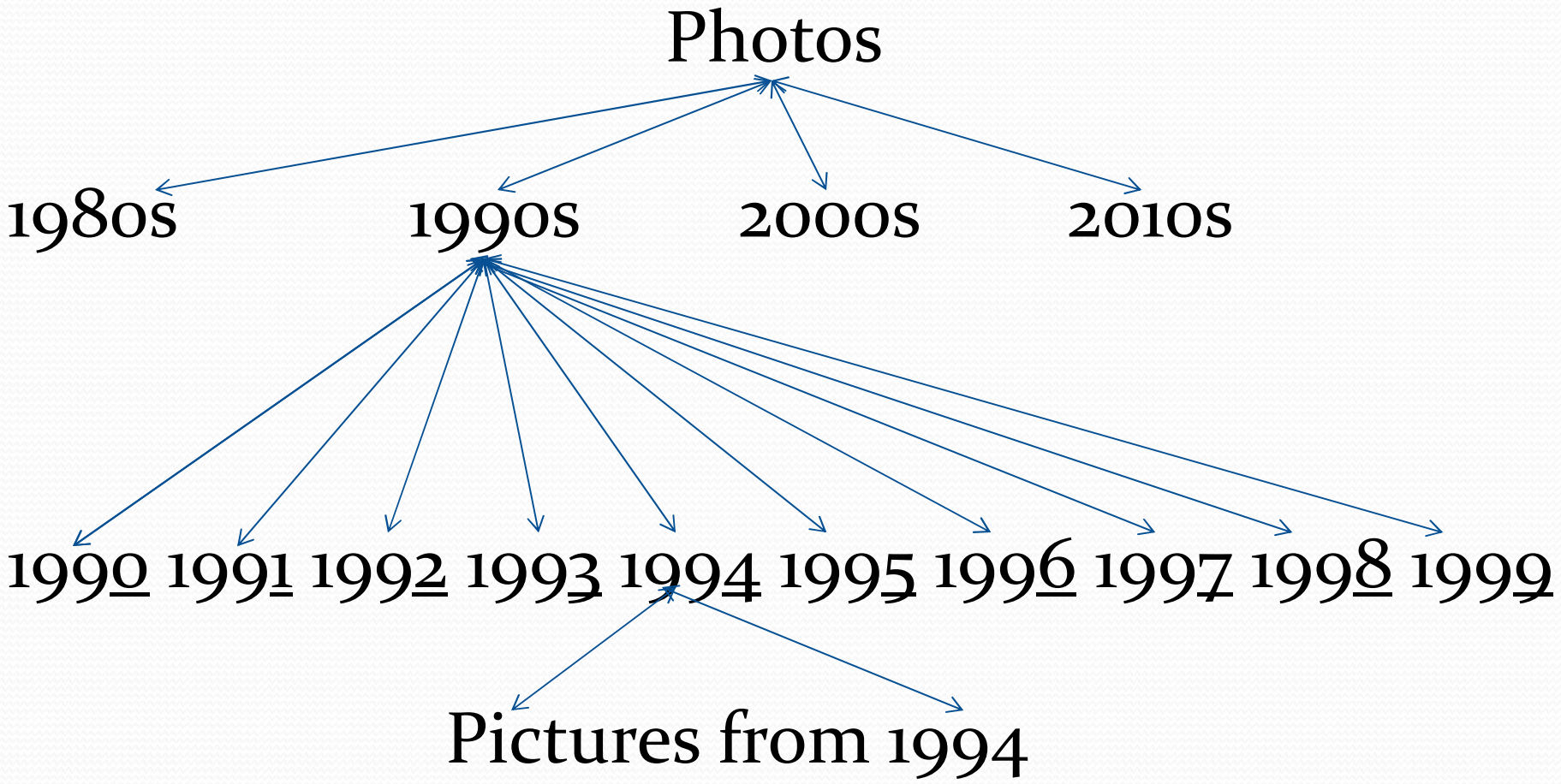
Event Folders

- Birthdays
  - Moms
    - 1992
    - 1993
  - Dads
- Anniversaries
  - 2001
  - 2002

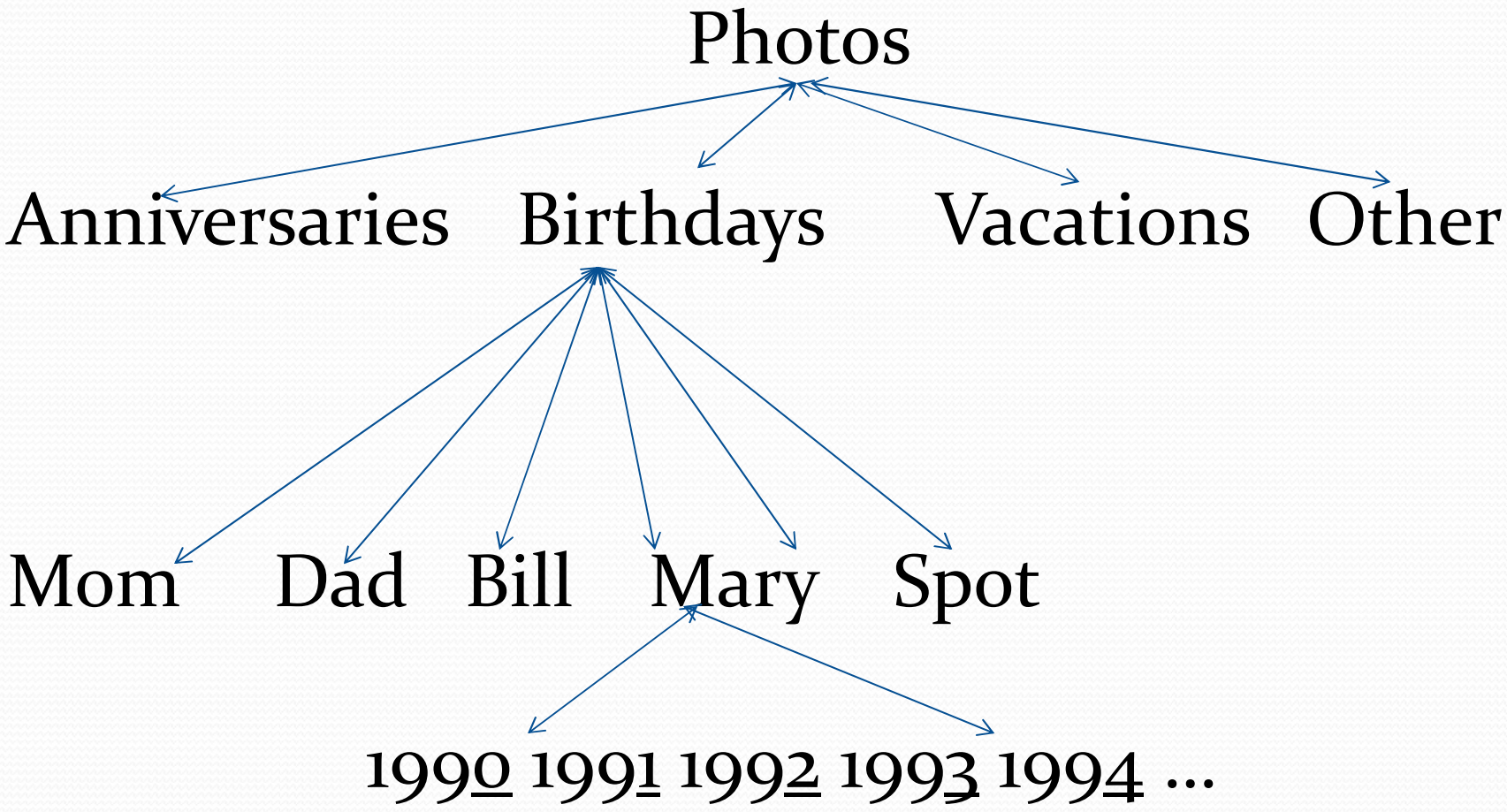
Name each Picture ➡ yyyy-mm-dd-Event01…

Pictures

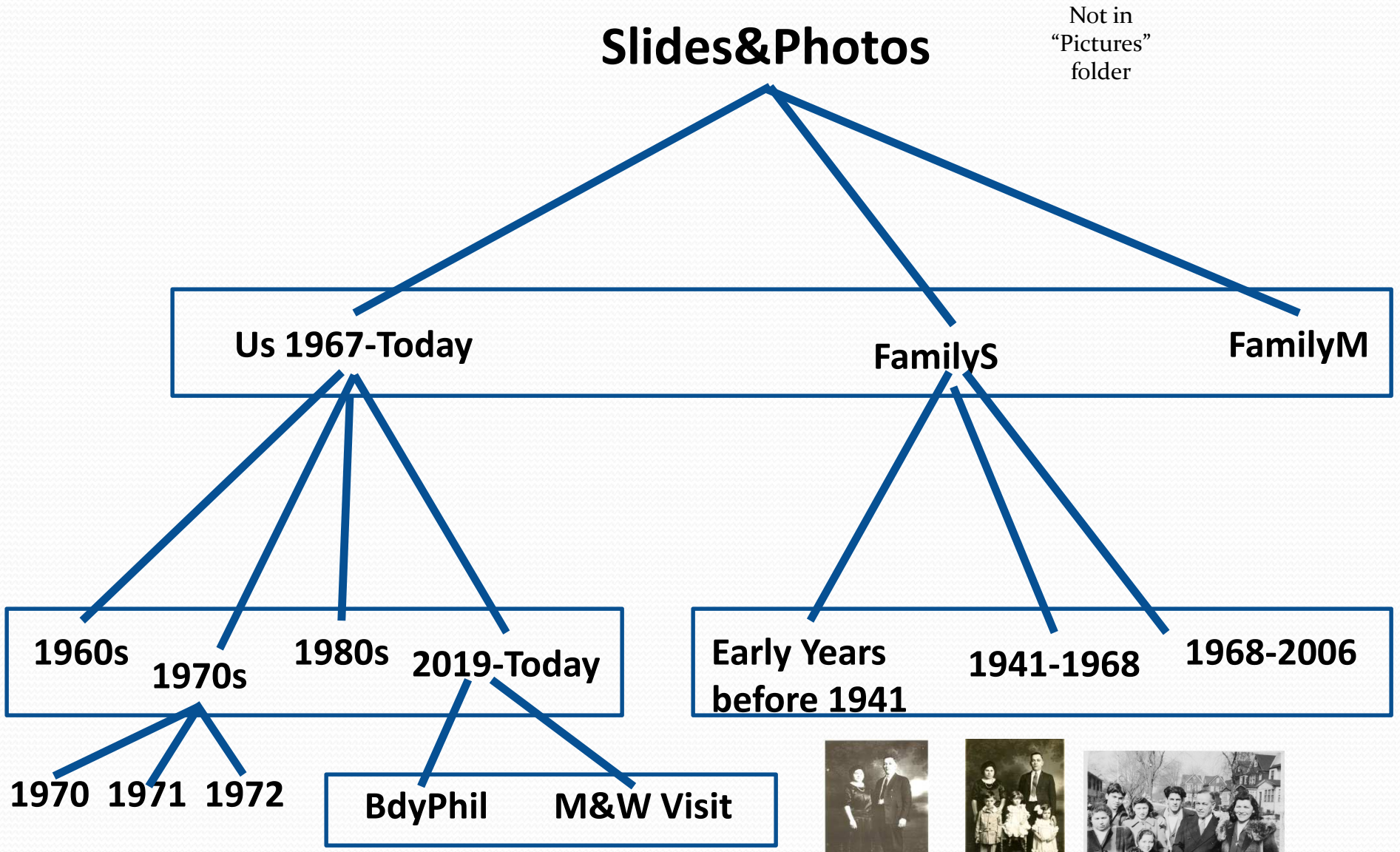
Chronological Organization



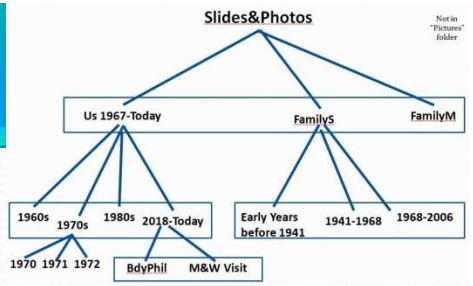
Pictures
Event Organization



Pictures Hierarchical Organization



Organizing Pictures

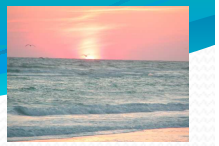


- Slides&Photos
  - 1TransferFromCamera
  - 2
  - 2TransferFromScanner
  - 3PhotoShopThese
  - 4
  - 4RichScanned In Pictures - 2013
  - 5FromAuntLynn
  - 6
  - 6OnPhone
  - 7Special
  - 8Temp
  - 9JacobsBest
  - 9MatthewsBest
  - FamilyM
  - FamilyS
  - Friends
  - Interesting
  - Marianne's Downloaded_Files_2
  - SpectacularPictures
  - Us 1967-Today

- Us 1967-Today
  - 1960s
  - 1970s
  - 1980s
  - 1990s
  - 2000s
  - 2010s
  - 2018-Today
  - Boat
  - Brick
  - Cars
  - Comparisons
  - House
  - PhilHeadShots
  - PJSDonnaBdy
  - TwoOfUs

- 2018-Today
  - 2018-01-06BdyJon40
  - 2018-01-13BdyTravis1st
  - 2018-01-16VizioTV~Repair
  - 2018-02-15HurricaneShutters
  - 2018-02-18V&ElnOrlando
  - 2018-02-23ProleticsBelts
  - 2018-03-20M&WVisit
  - 2018-03-24JacobTournament
  - 2018-04-14RolloutShelf
  - 2018-04-21Oz
  - 2018-04-21OzPhone
  - 2018-04-22Visit2F&A
  - 2018-04-28MatthewBasketball
  - 2018-04GarageCeiling
  - 2018-05-04TalentShowJacob
  - 2018-05-12BdyMatthew7
  - 2018-05-25ProleticsTesting
  - 2018-08-22RockyMountaineerTrainTrip
  - 2018Garden

Organizing Pictures



2018-03-21_M&WVisit_0008a(1).JPG

2018-03-21_M&WVisit_0008a.JPG

2018-03-21_M&WVisit_0009.JPG

2018-03-21_M&WVisit_0009a.JPG

2018-03-21_M&WVisit_0010(4).JPG

2018-03-21_M&WVisit173924611.jpg

2018-03-21_M&WVisit173928554.jpg

2018-03-21_M&WVisit173937012.jpg

2018-03-22_M&WVisit_0002.JPG

2018-03-22_M&WVisit_0003.JPG

2018-03-22_M&WVisit_0007.JPG

2018-03-22_M&WVisit_0008.JPG

2018-03-22_M&WVisit_0009.JPG

2018-03-22_M&WVisit_0011.JPG

2018-03-22_M&WVisit_0012.JPG

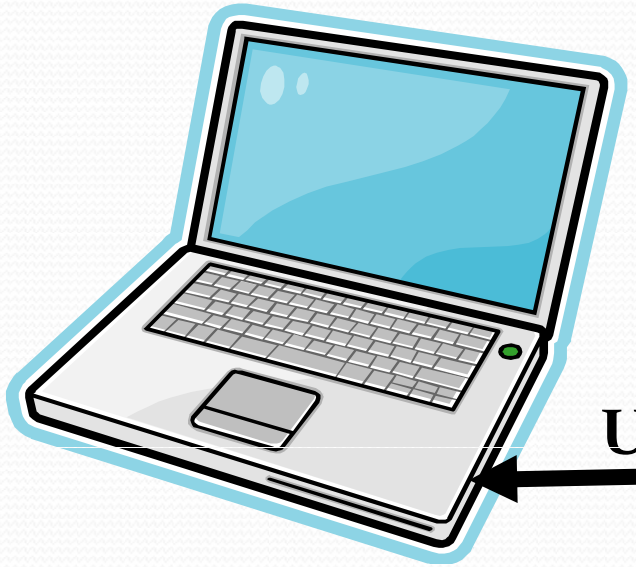
Ideas for Organizing Pictures

Create Folders for:

- Pets
- Homes
- Cars
- Boats
- Friends
- Projects
- Special Interest
- "The Two of Us"
- Comparisons

1968 2013

Don’t forget to Backup Your Pictures



USB Cable

External or Portable

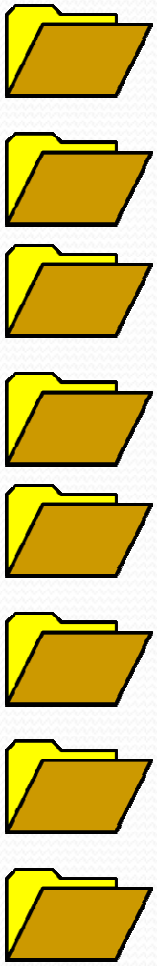
FreeFileSync

Backup Your Pictures

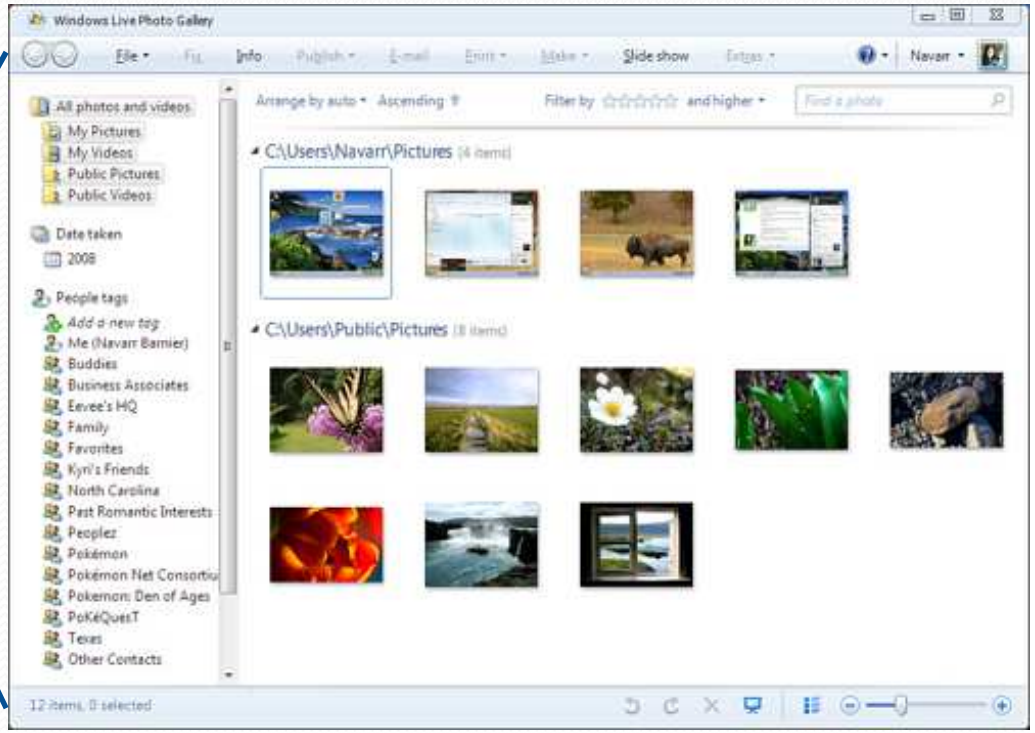
An Organized View of your Photos

Pictures

Photo Viewer Lens

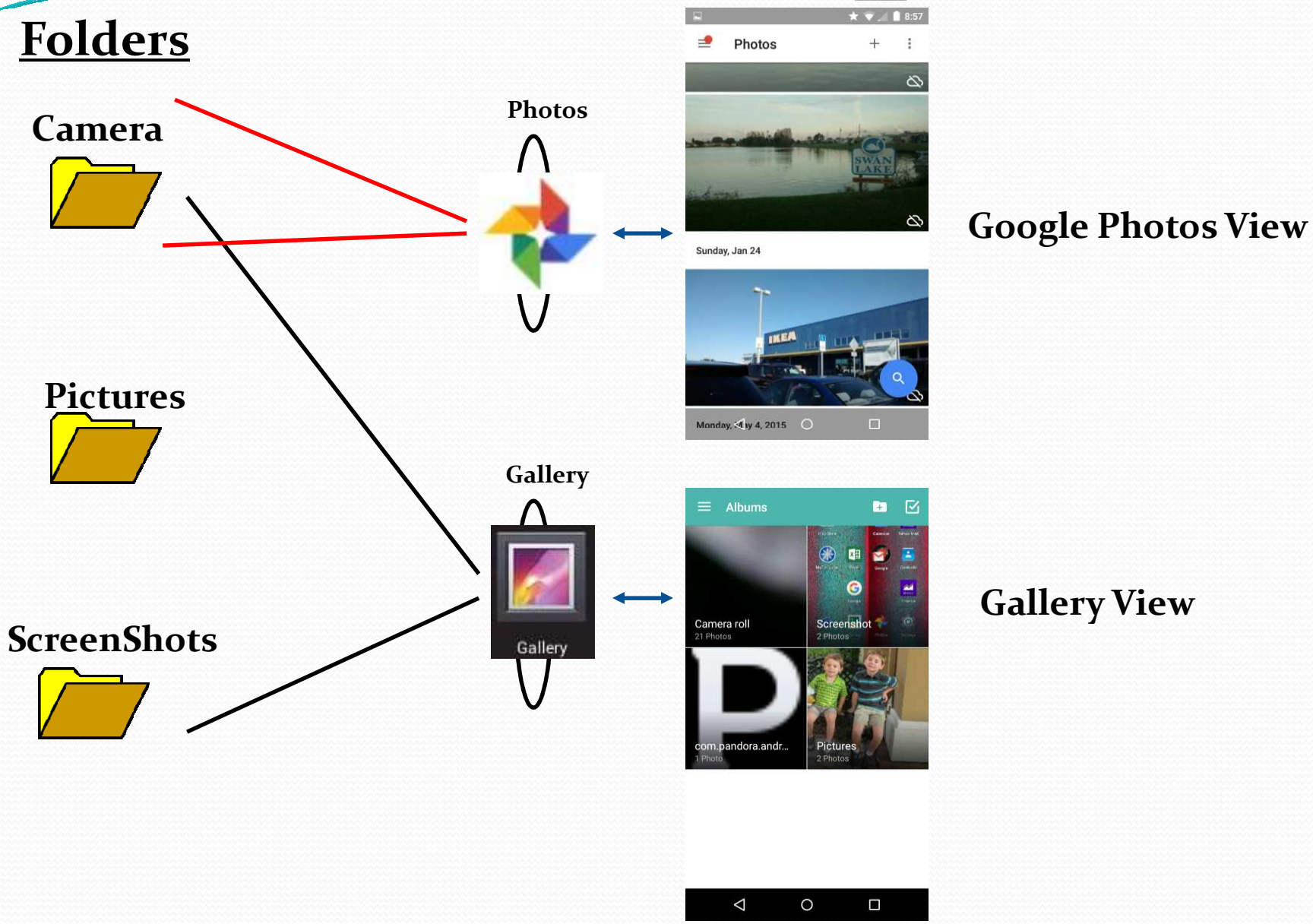


View of Photos in Pictures Folder



Different Presentation with Different Viewers

Android Smartphone Different Views with Different Viewers



Or
Let a Cloud Service like Google Photos Organizing Your Pictures

Google Photos

- Free Photo Storage and Sharing Service (Launched 2015)
  - Unlimited Storage for Pictures 16 megapixels and Videos up to 1080p Resolution. (High Quality)
- Users can search for things in the photos
  - People, Places, or Things
- Over 500 Million Users
- Over 1.2 Billion photos uploaded daily
- Mobile Apps available for Android and iOS
- Sync with mobile device to automatically backup pictures

How to Get Your Pictures On to Your Computer

- Smartphones
  - Android
  - Apple
- Camera
  - DSLR (Digital Single Lens Reflex)
  - Point & Shoot
  - Super Zooms (50X)

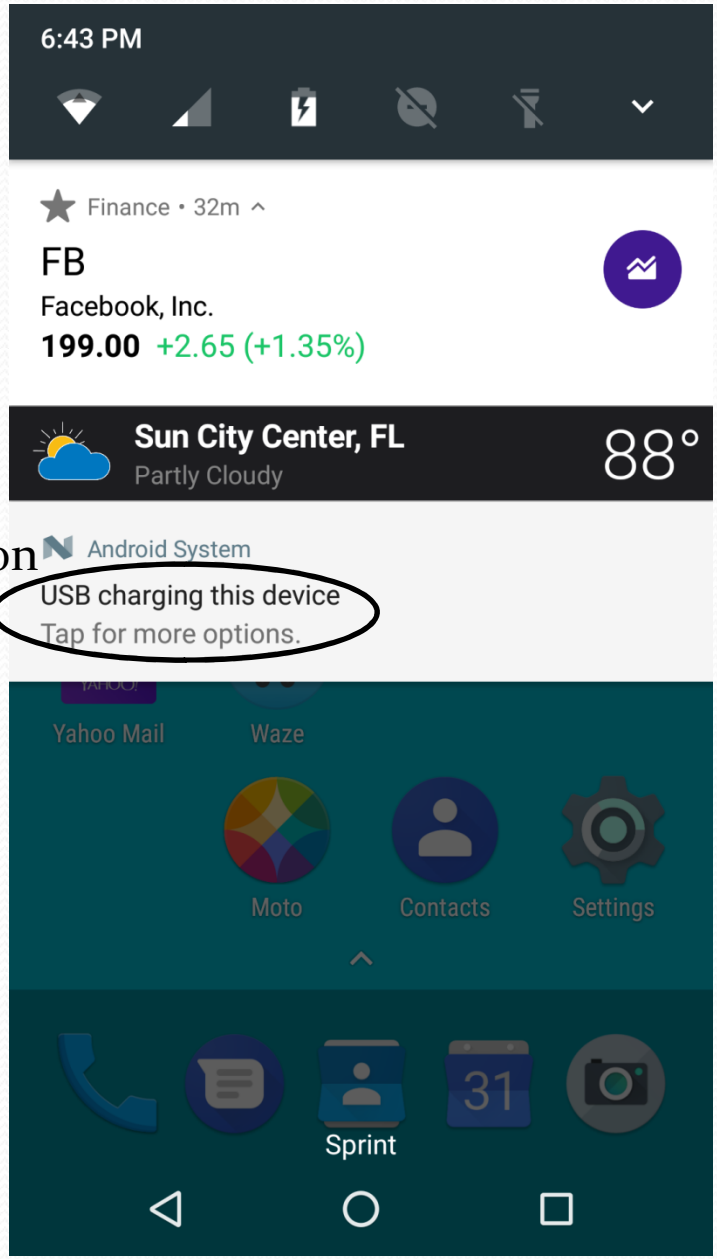
From an Android Device

- Connect the phone to the computer using USB*
- Pull down the Notifications bar
- Tap “USB charging this device Tap for more options”
- Tap “Transfer files”
- Find your phone in “This PC” in File Explorer
- Open the phone
- Open “Internal shared storage”
- Open “DCIM” and then Open “Camera”
- Using drag & drop, move pictures to your “Pictures” folder
- For attachments, in Internal memory Open “Pictures” and move your pictures to your Pictures folder in This PC

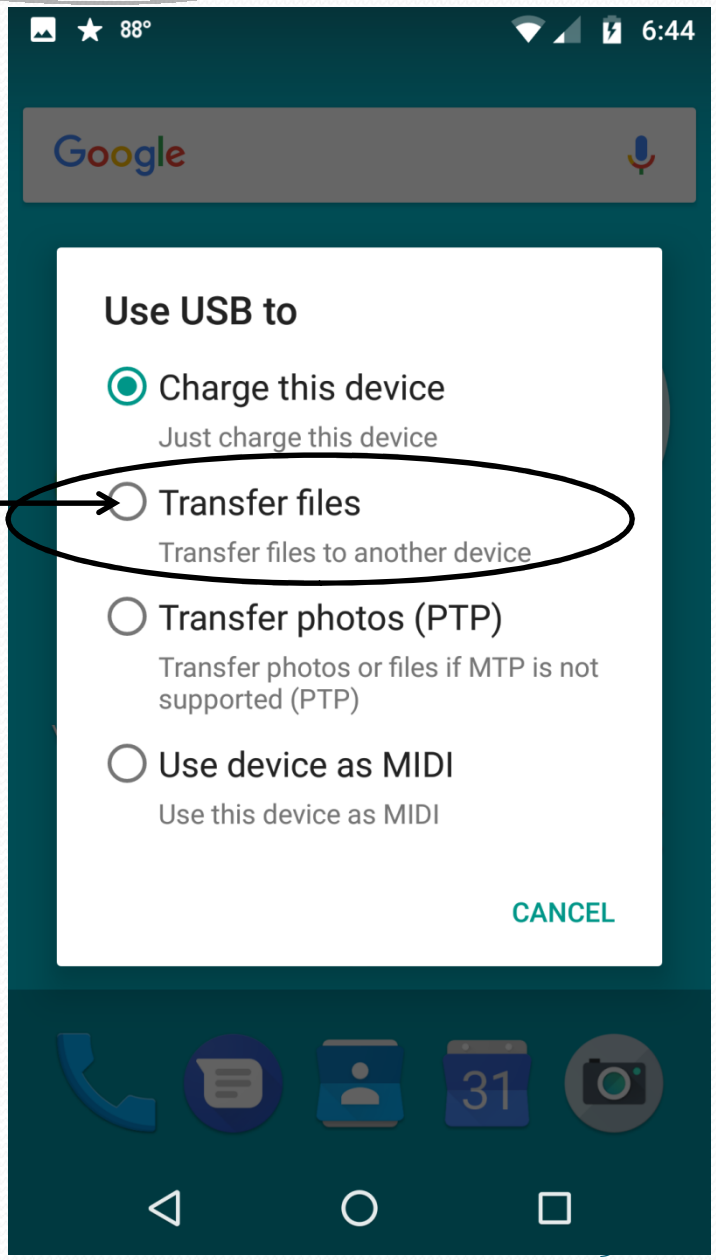
* Note: Some USB cables are only for charging

If this doesn’t work use Wi-Fi File Transfer

From Android Phone



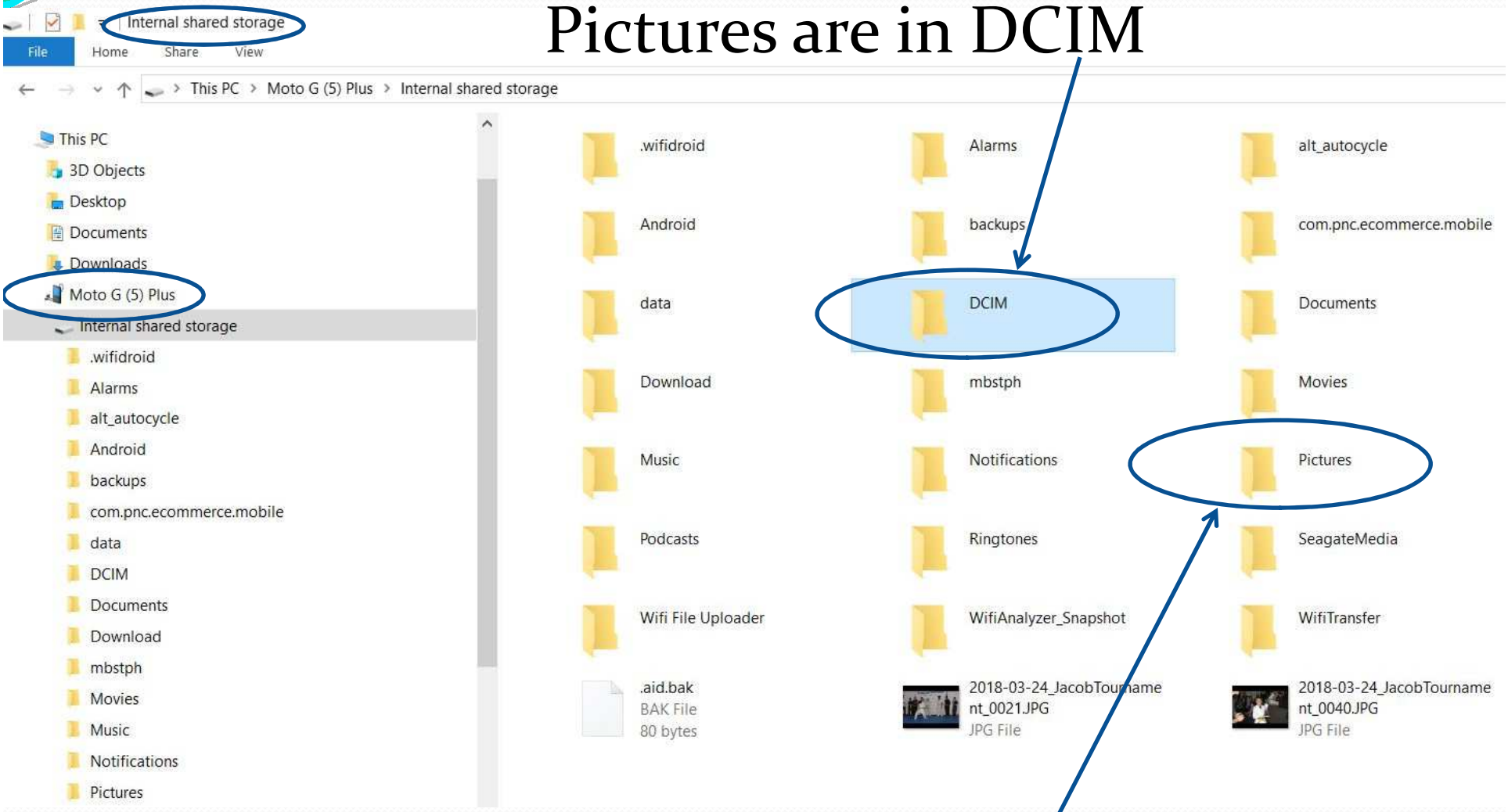
Notification



Tap

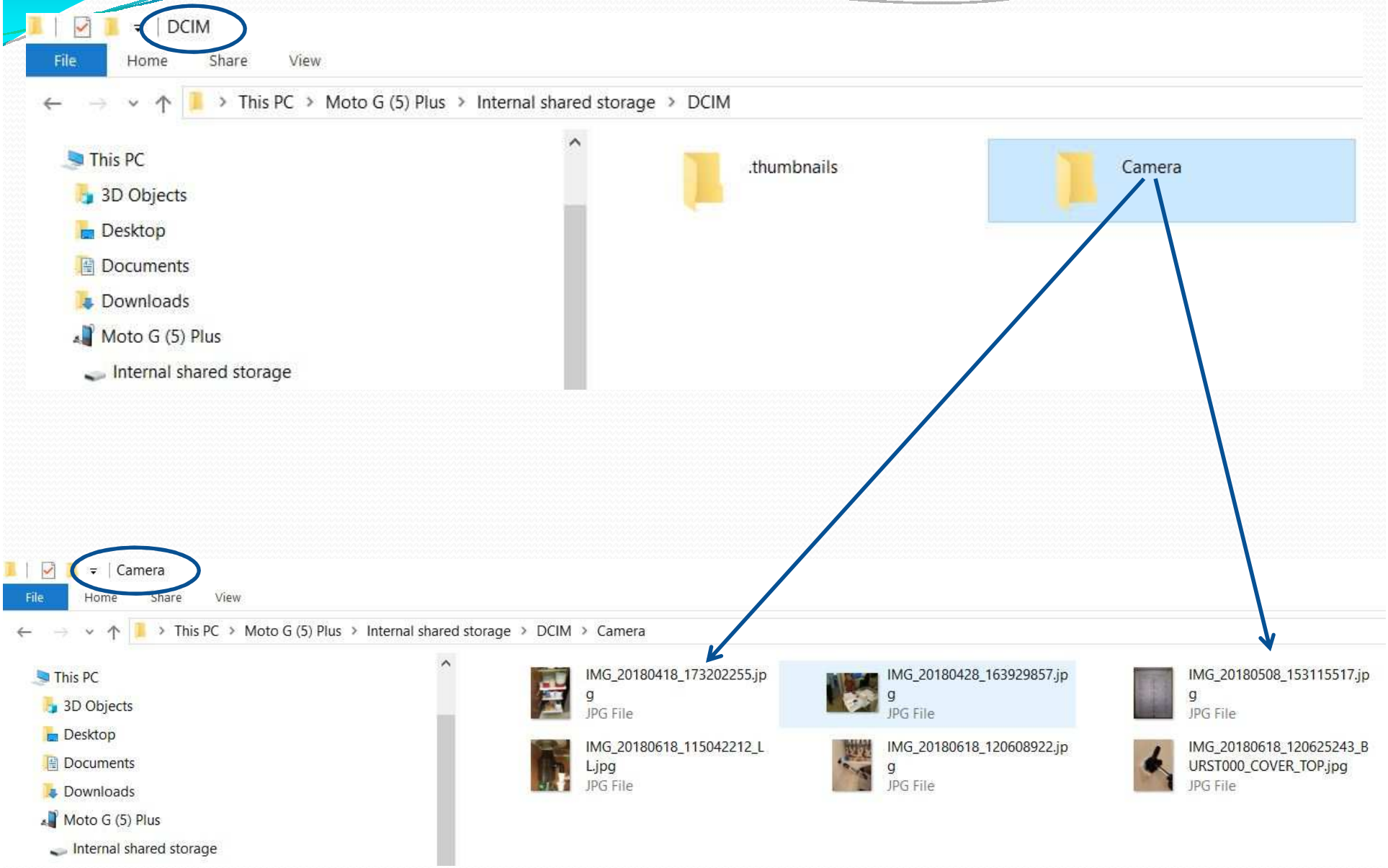
From Android Phone

Pictures are in DCIM

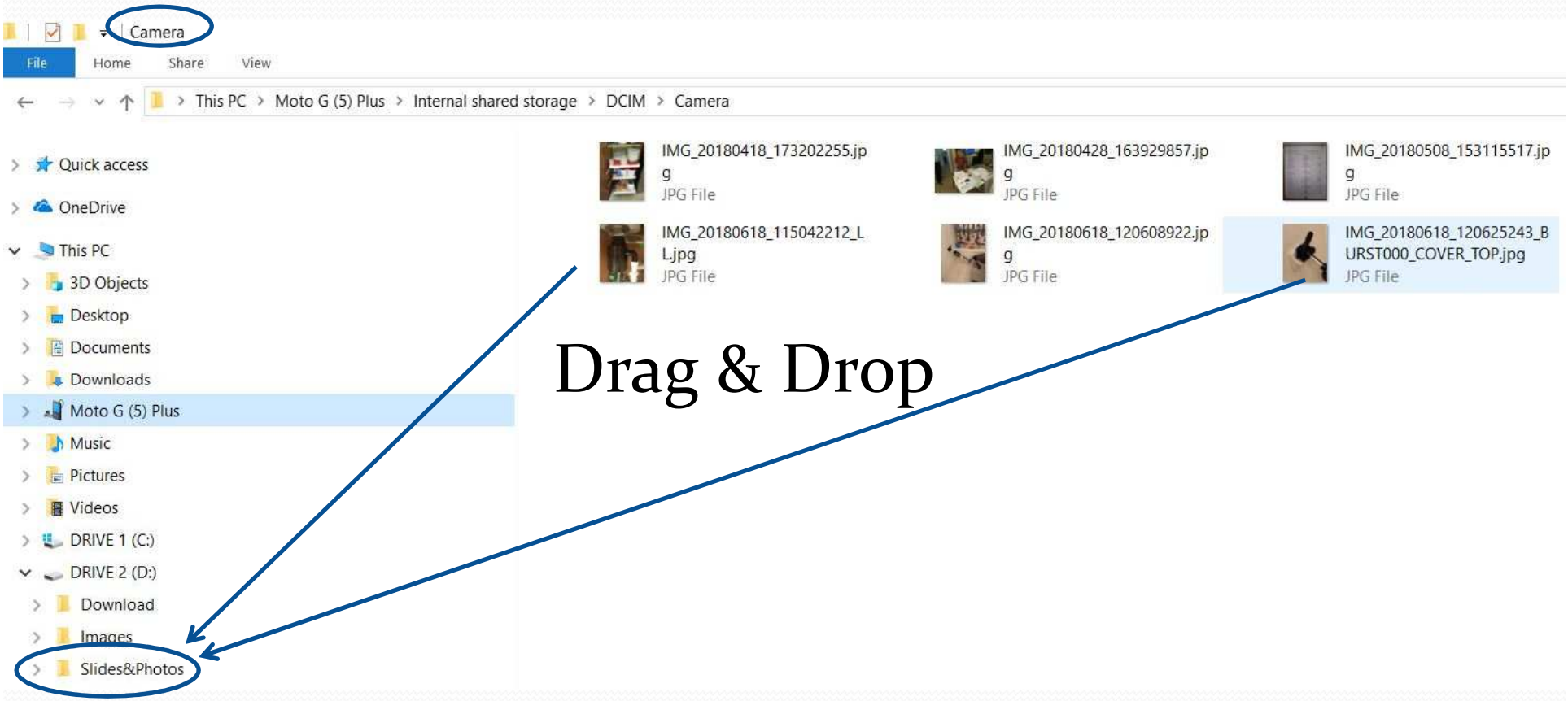


Attachments are in Pictures

From Android Phone



From Android Phone

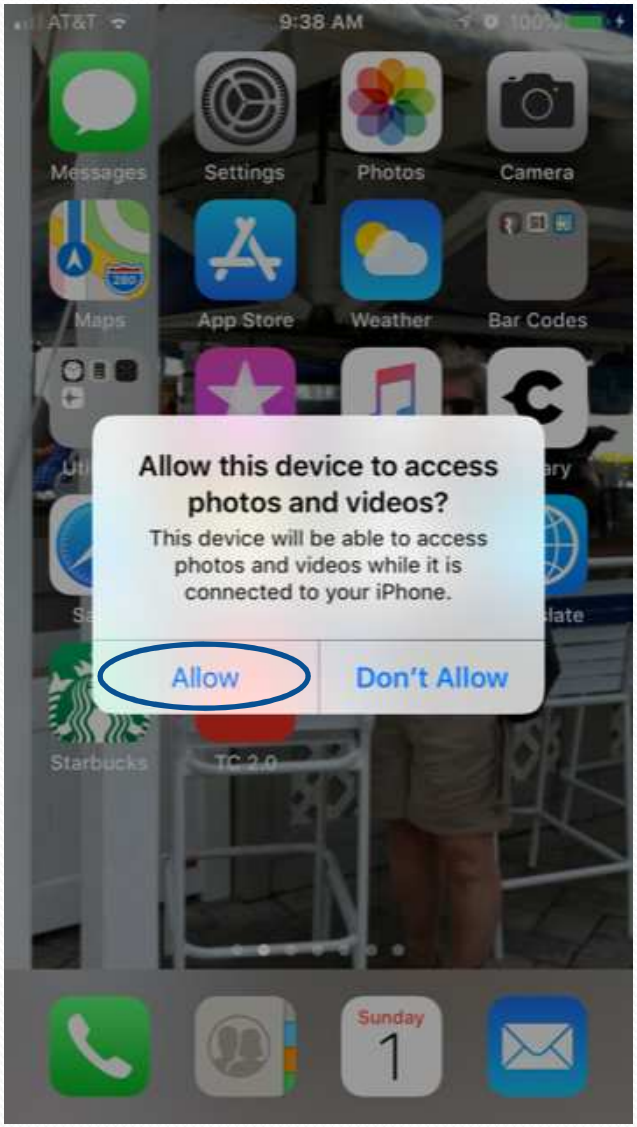


From an iPhone

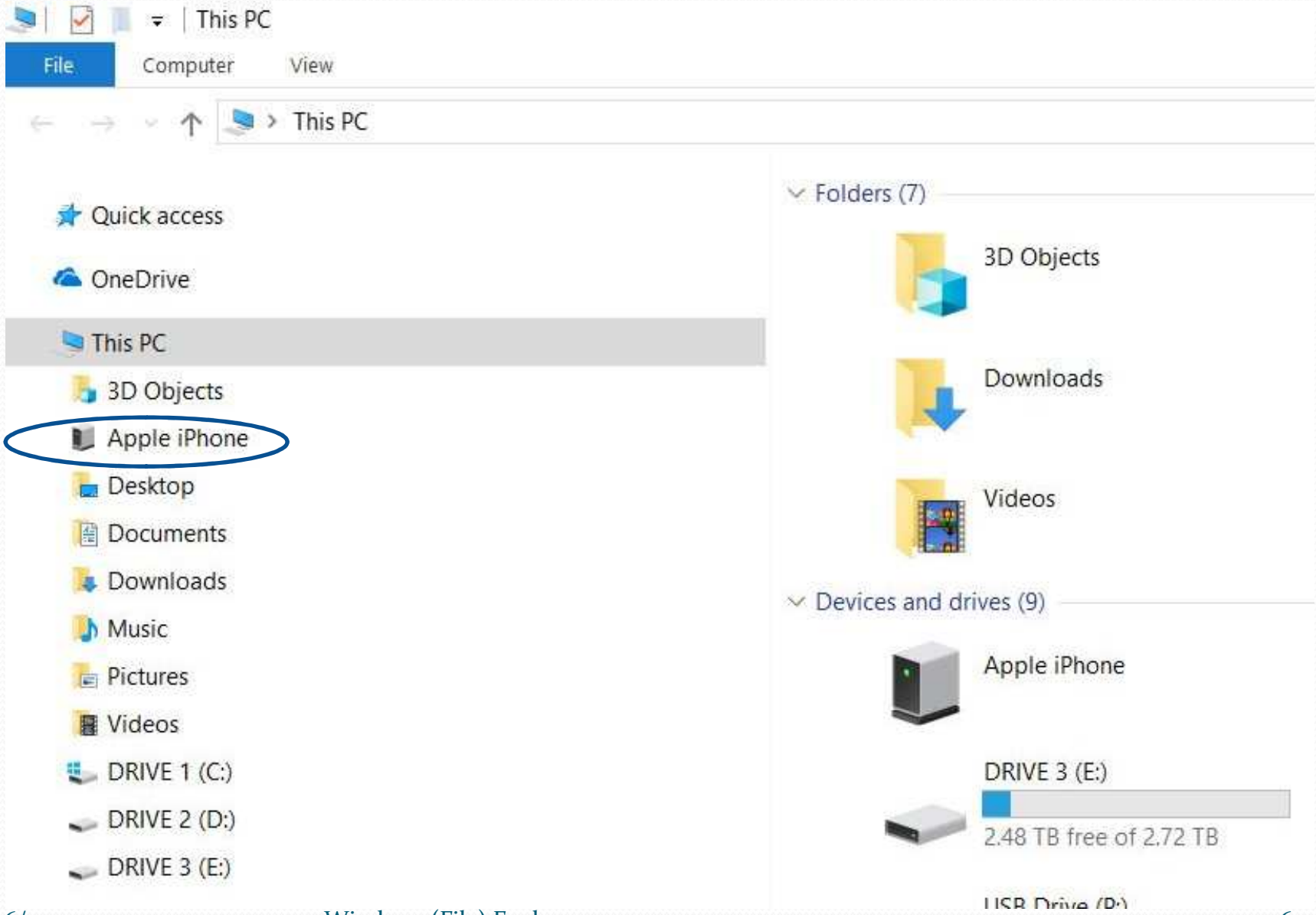
- Connect phone to computer using Apple interface
- Use File Explorer to move pictures to the computer
- -or-
- Use iTunes to move pictures to the computer

From an iPhone

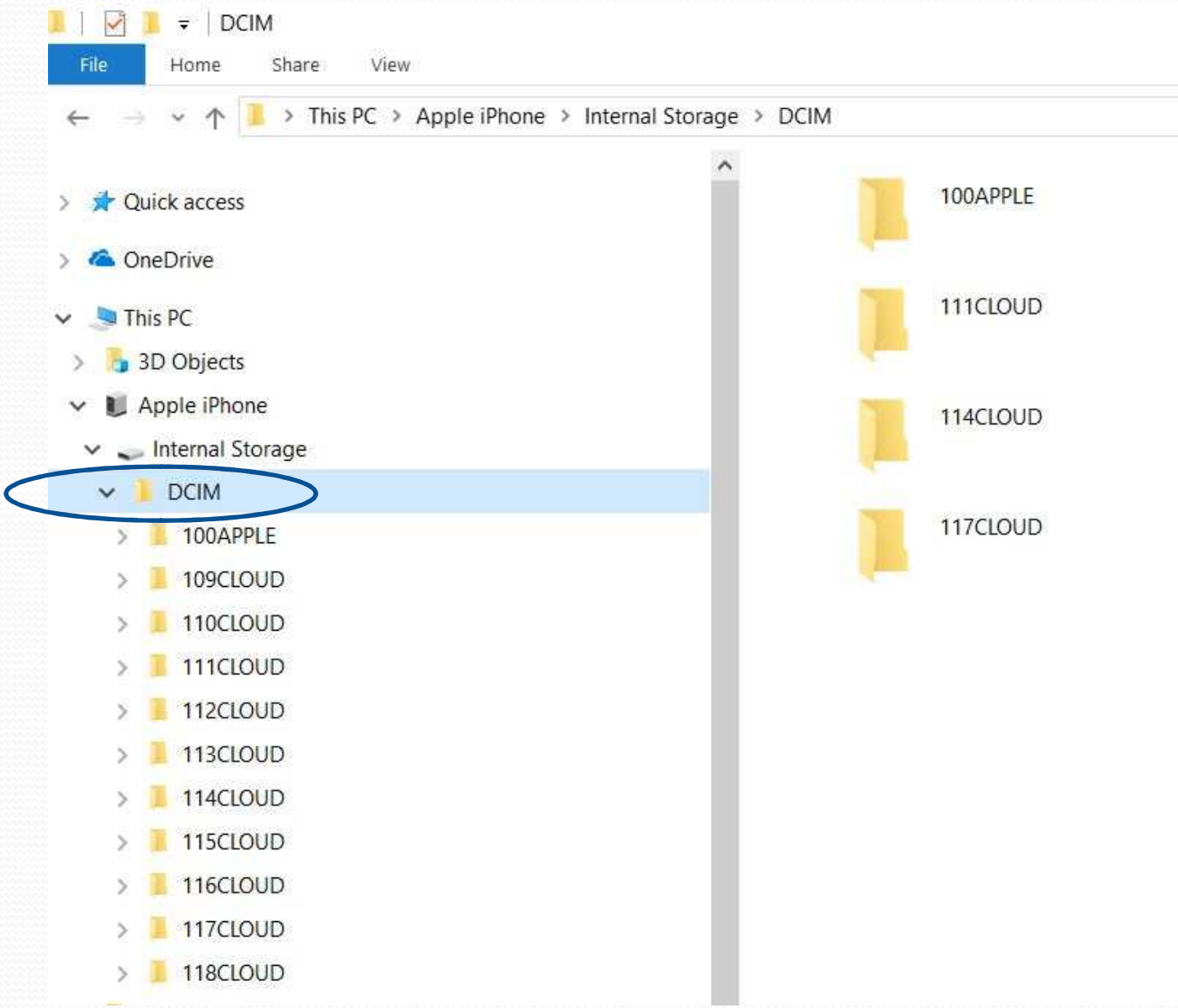
Connect phone to computer



From an iPhone – File Explorer

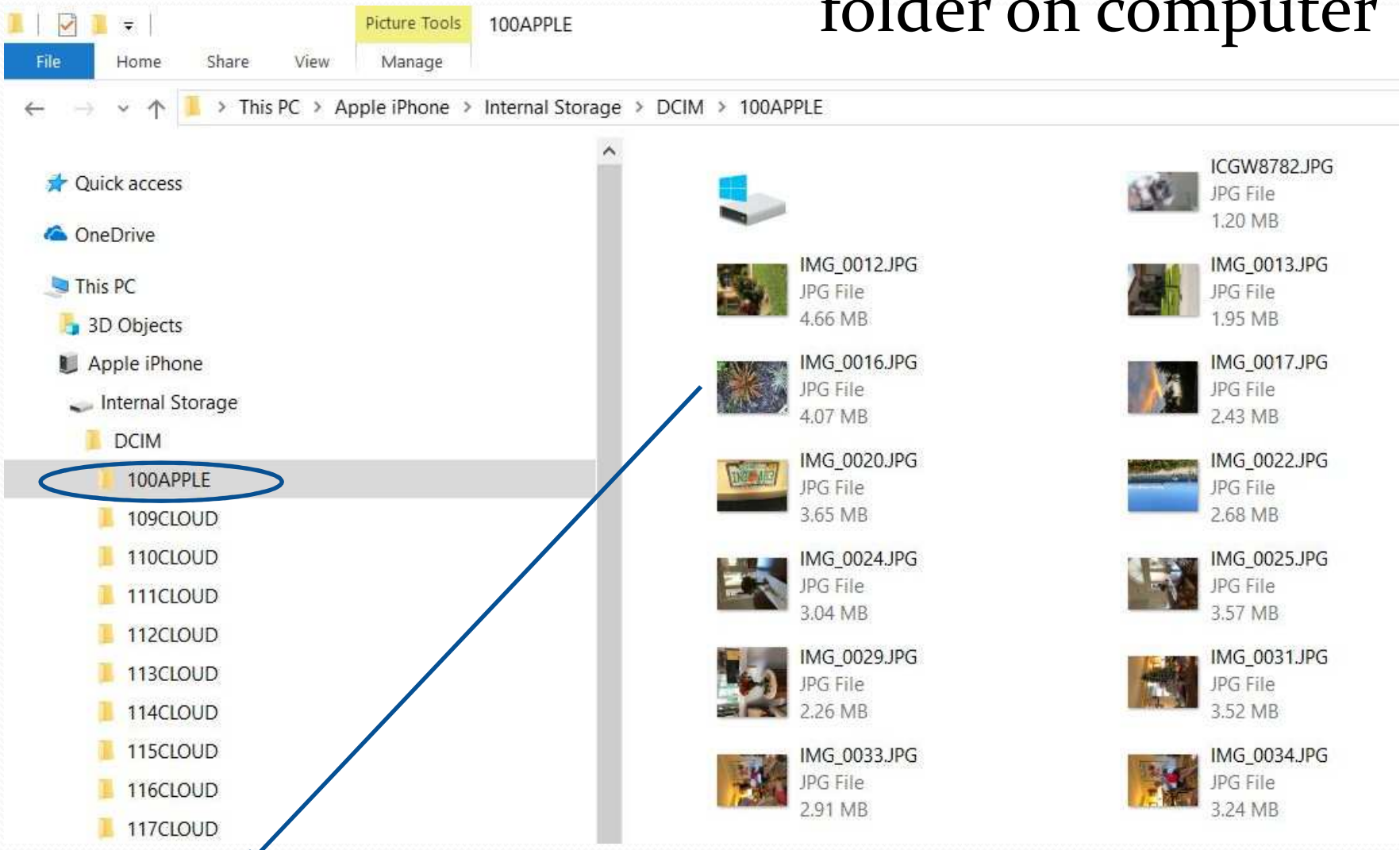


From an iPhone – File Explorer



From an iPhone – File Explorer

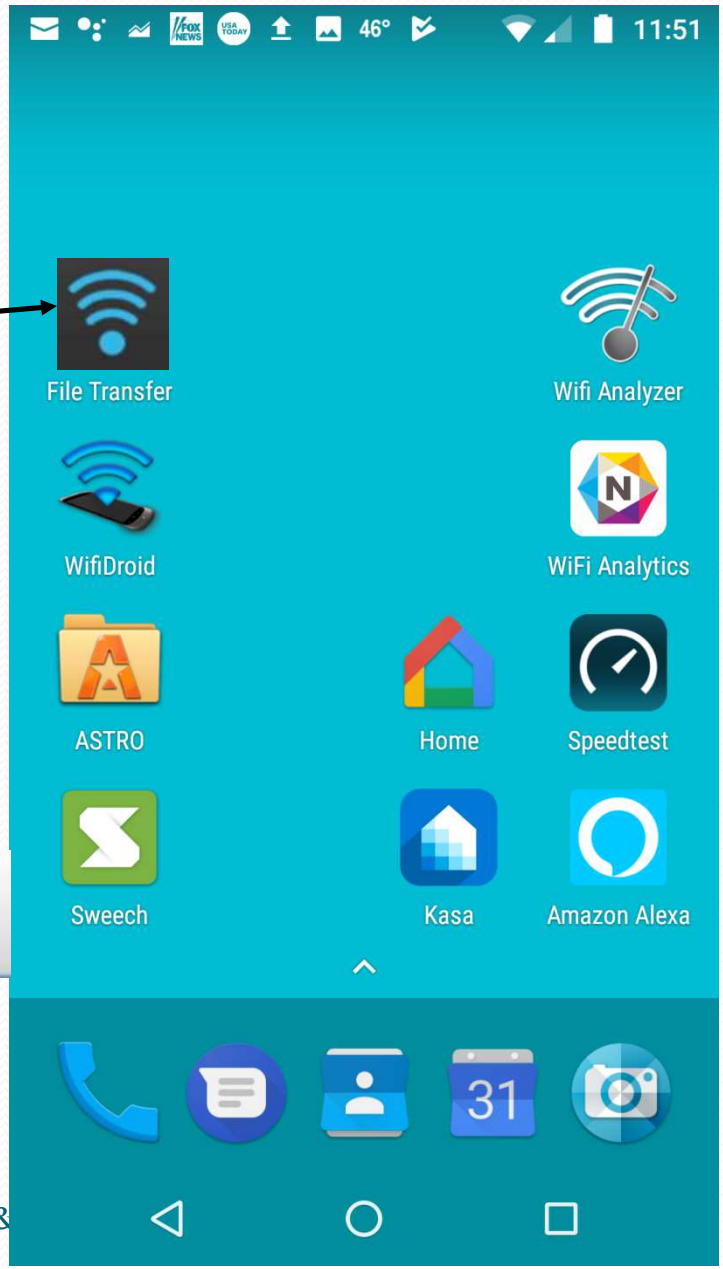
Drag & Drop to a folder on computer



From Your Phone Using Wi-Fi File Transfer

On Your Phone – Tap Wi-Fi File Transfer

For Android Tap
"Wi-Fi File Transfer"
App

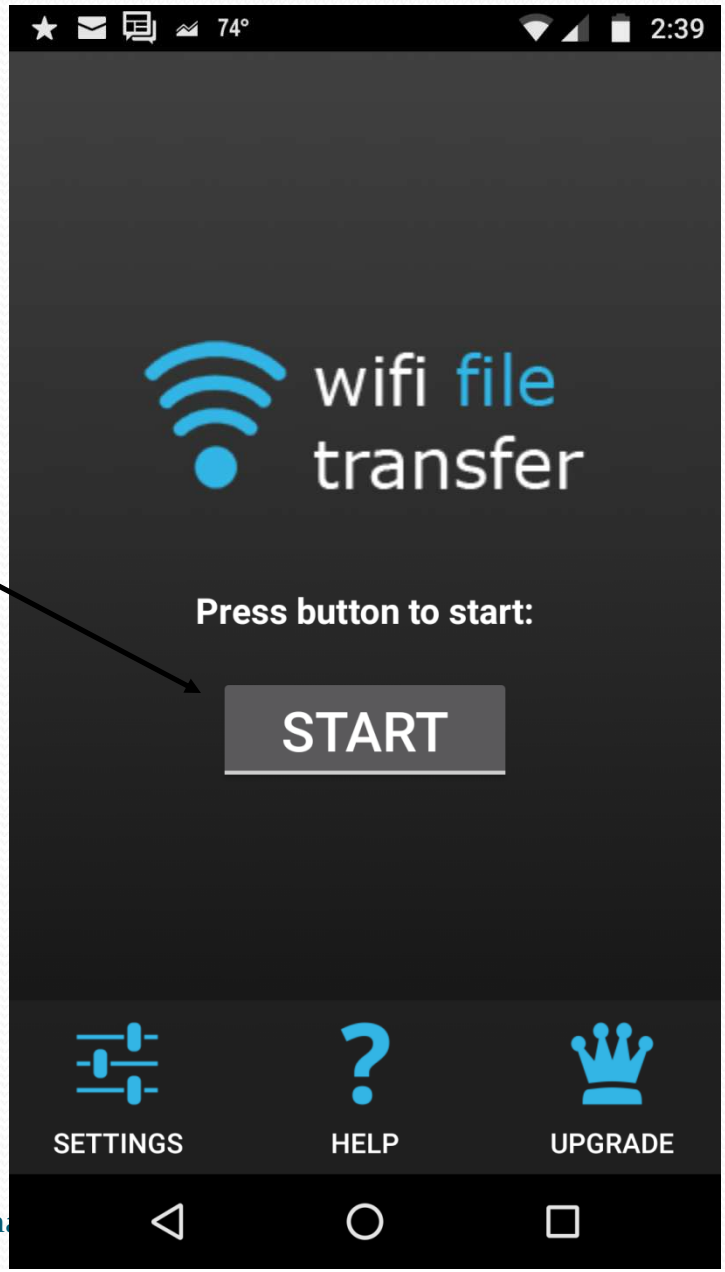


For iOS use the
"Wi-Fi Transfer for iOS"
App

iPhone WiFi Transfer

On Your Phone

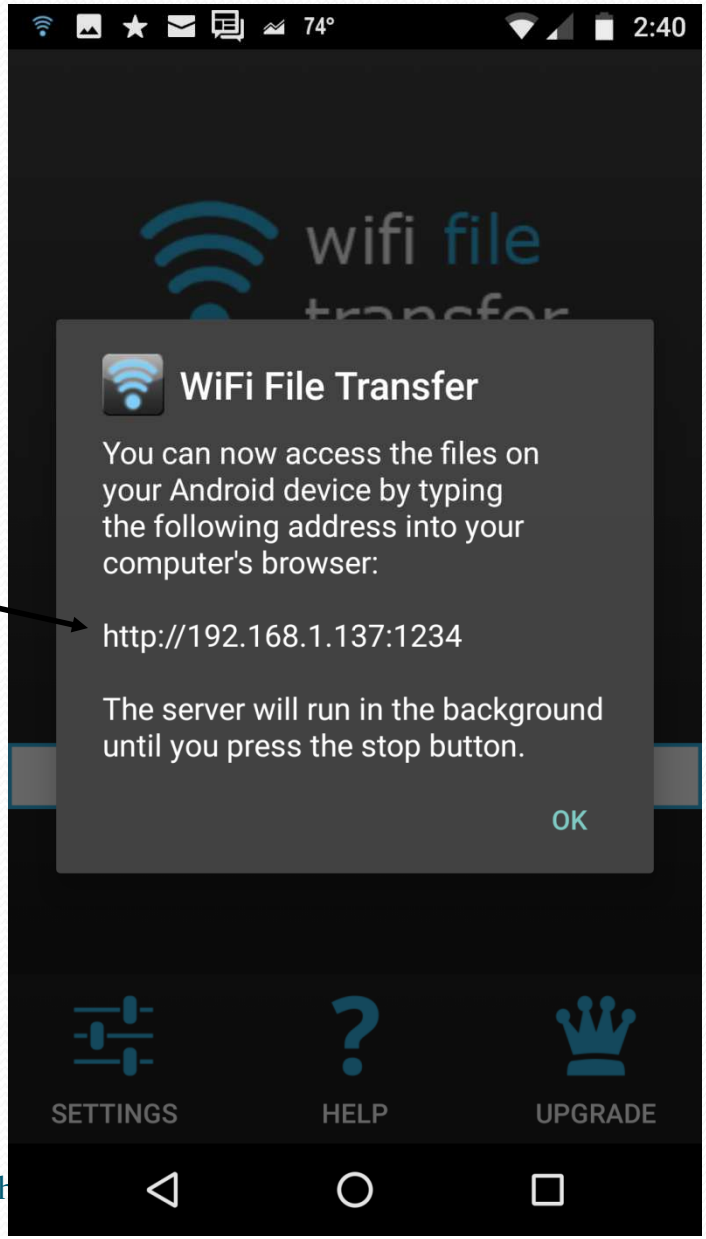
Tap Start



On Your Phone

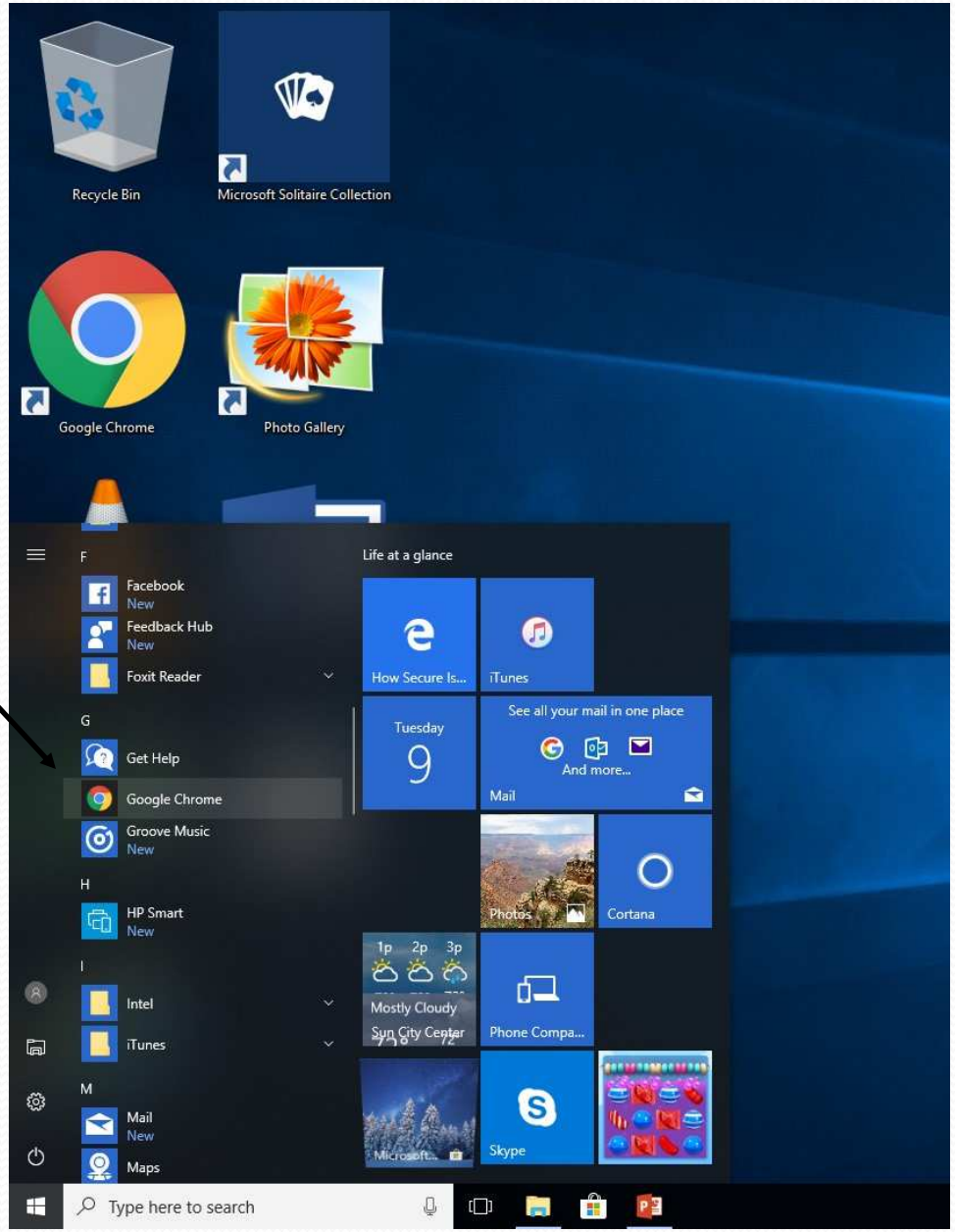
Connection
Has been setup

Note: URL

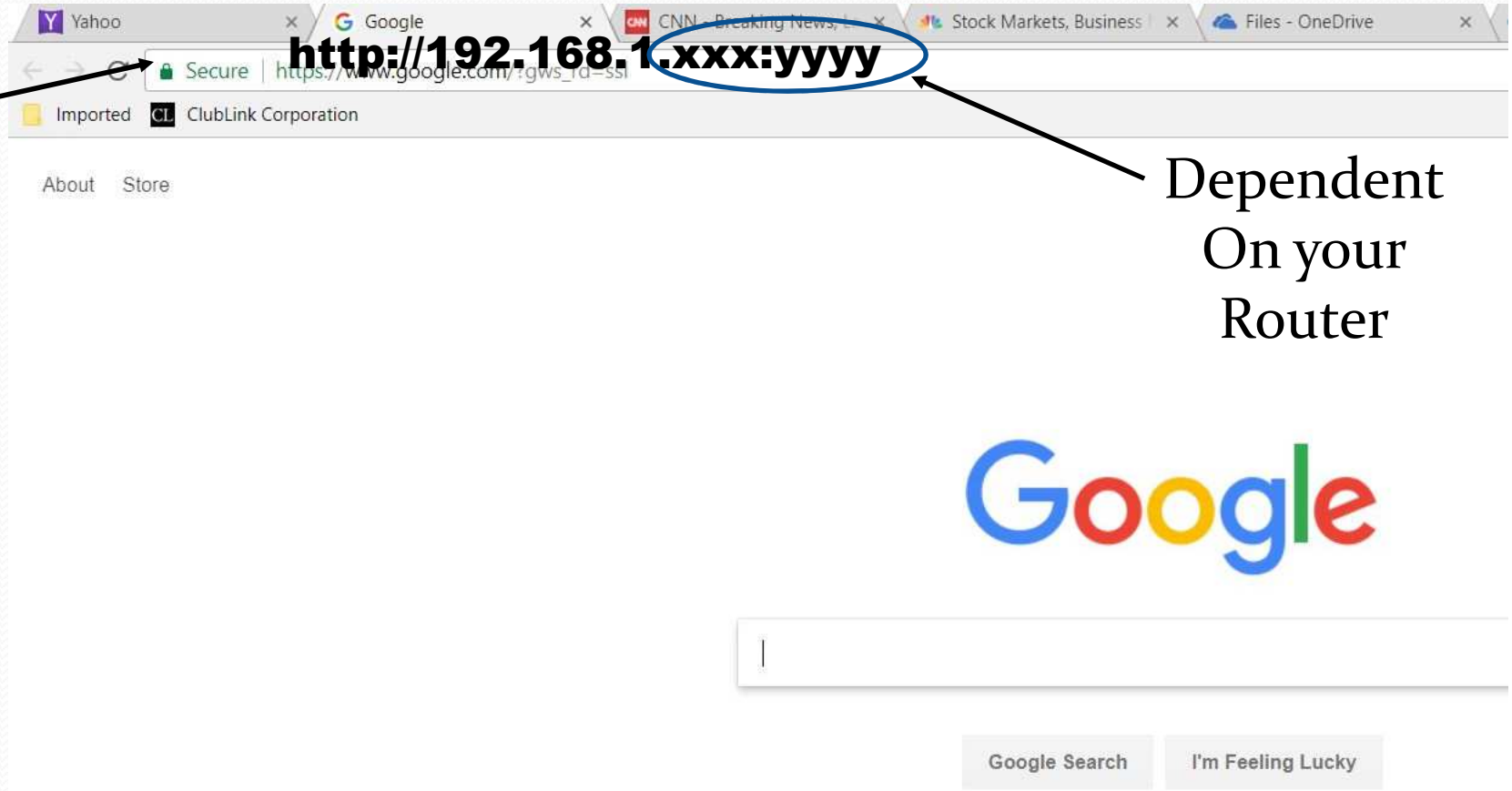


Next, On Your Computer -Start Chrome

Google Chrome



Type Complete URL into Address Bar

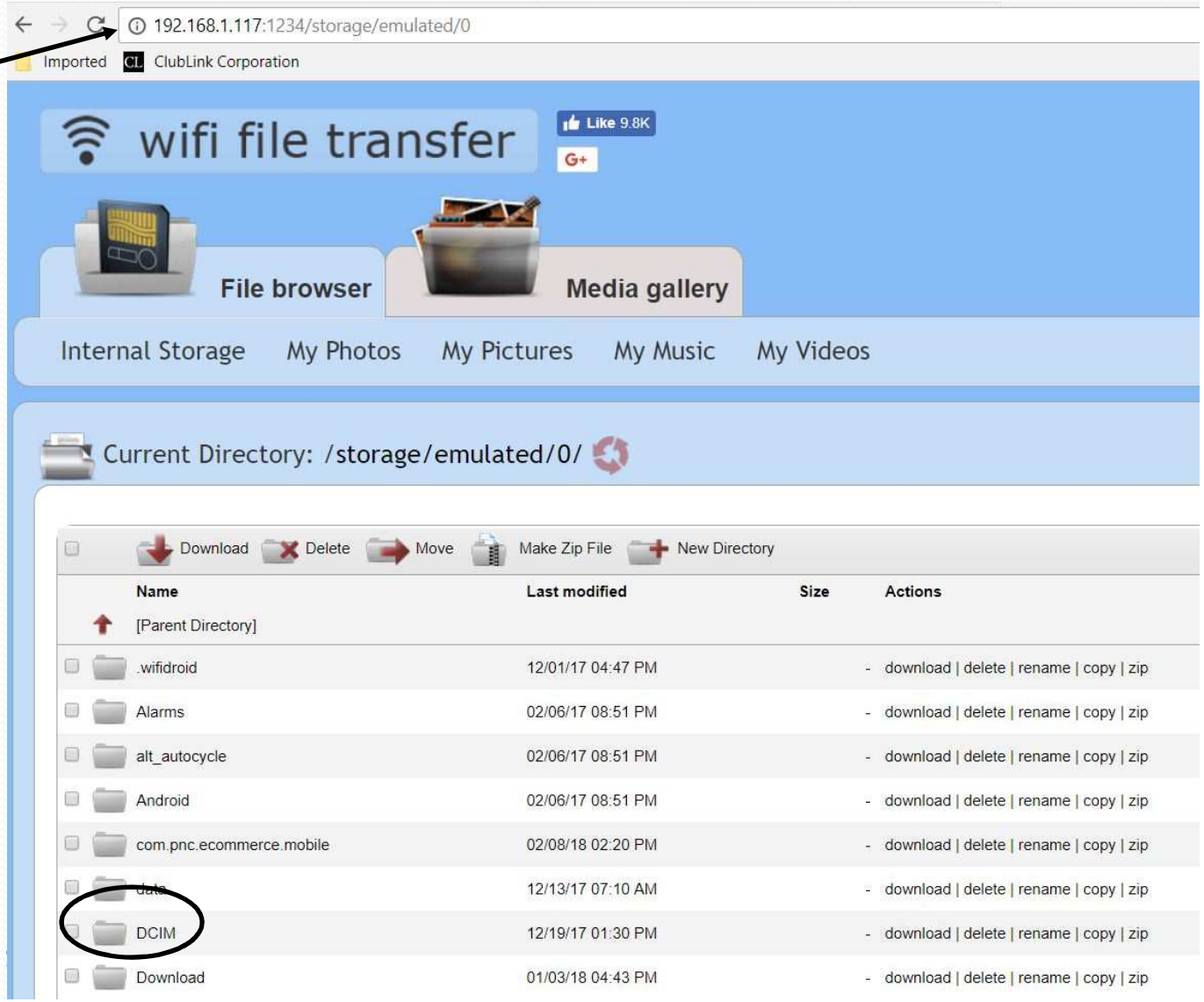


Address Bar

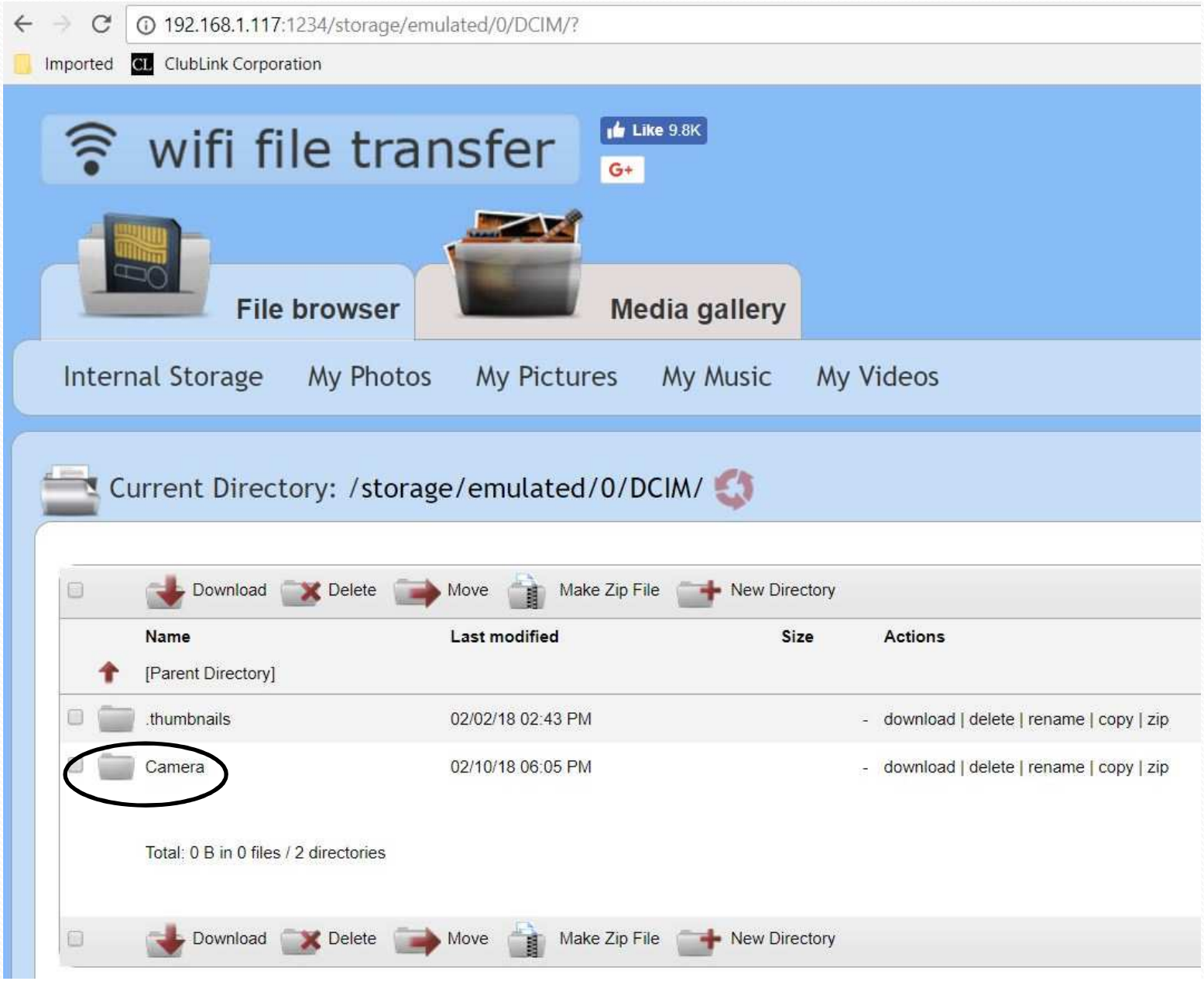
Dependent On your Router

Select DCIM

URL



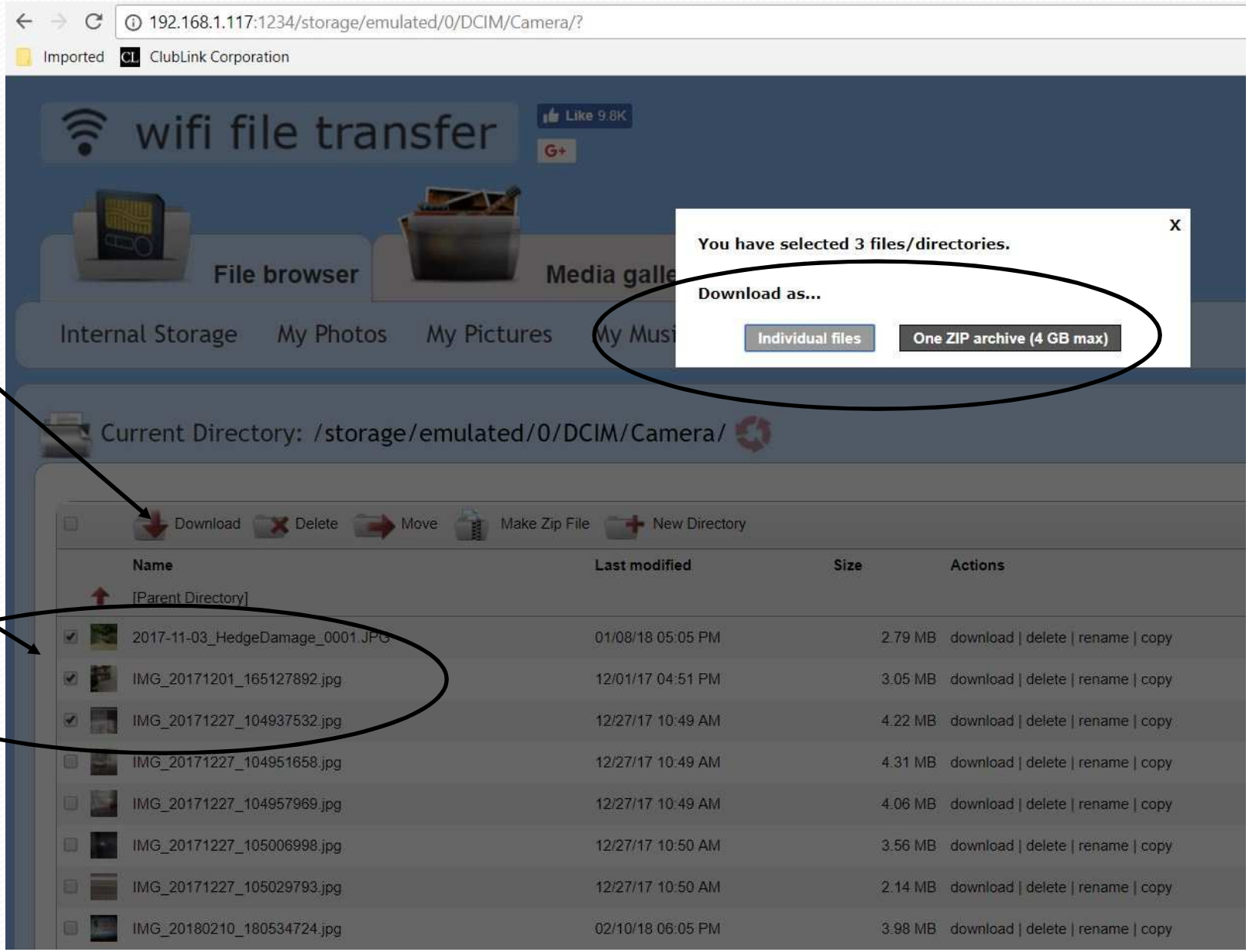
Then Select Camera



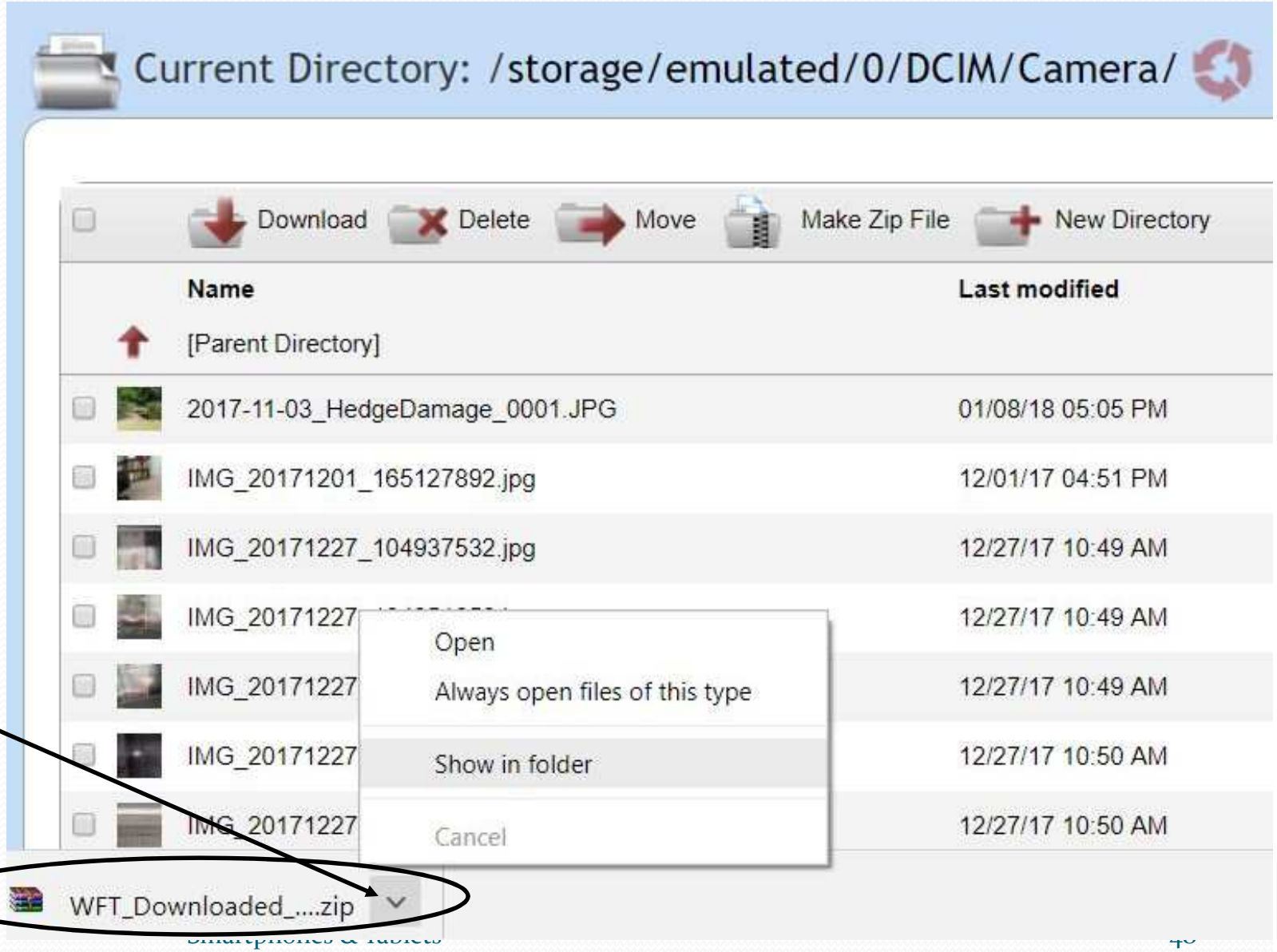
Select Pictures(IMG…)

Tap Download Icon

Multiple Files Selected

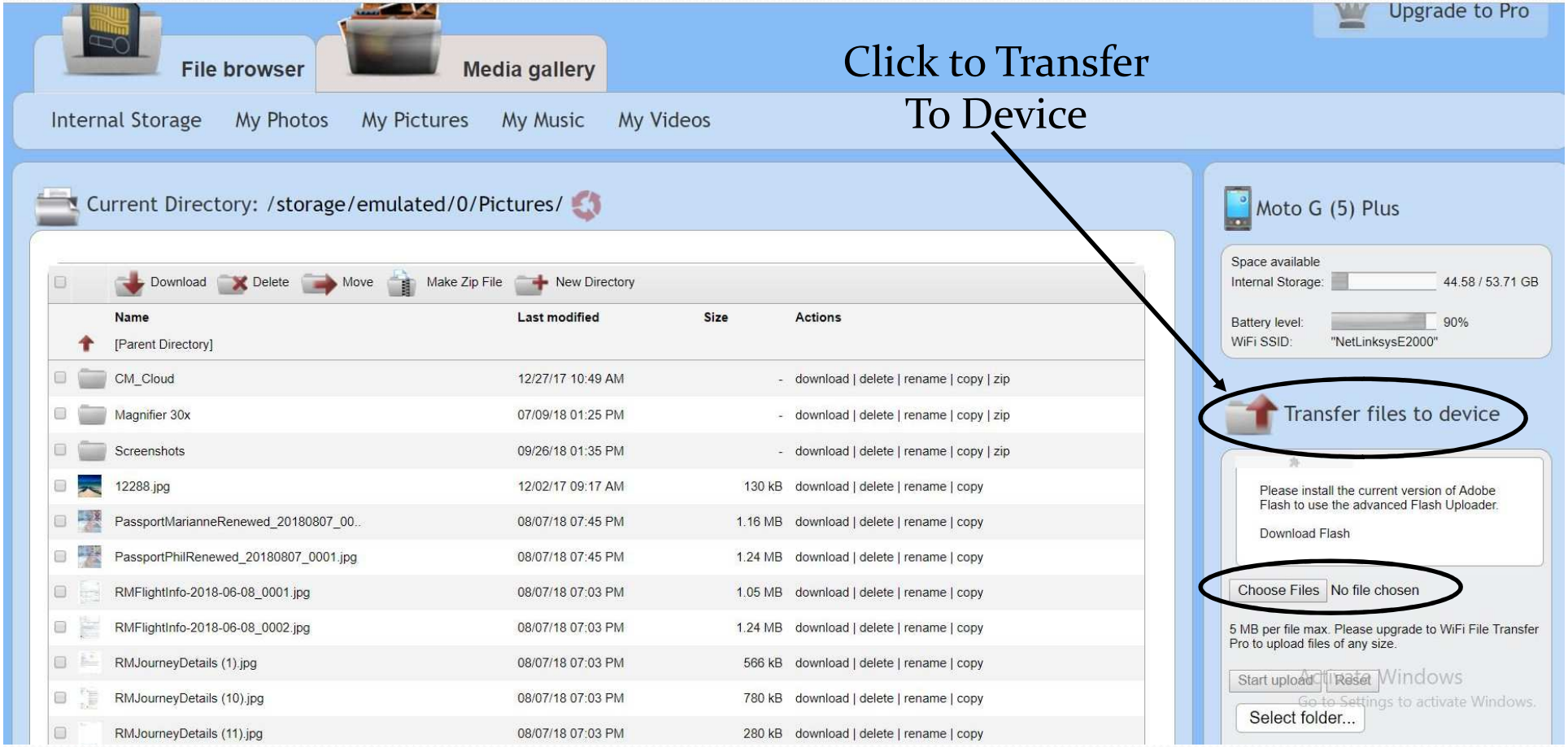


Finally, Download Pictures to the Downloads Folder



Click for Show In folder

Also Use it to Transfer Files To the Phone



Use it to Put -Pictures in Pictures folder,
-Music in Music folder,
-Documents in Documents folder

Questions ?

The End