can you organize all jpg and image files in my downloads folder into a folder called Images , create this folder,I am using mac os

Version 1  
#!/bin/bash

*# Navigate to Downloads folder*

cd ~/Downloads

*# Create Images folder if it doesn't exist*

mkdir -p Images

*# Move all common image file types to Images folder*

find . -maxdepth 1 \( -iname "\*.jpg" -o -iname "\*.jpeg" -o -iname "\*.png" -o -iname "\*.gif" -o -iname "\*.bmp" -o -iname "\*.tiff" -o -iname "\*.tif" -o -iname "\*.webp" -o -iname "\*.svg" -o -iname "\*.ico" \) -exec mv {} Images/ \;

echo "All image files have been moved to the Images folder!"

**Prompt - similarly can you categorize all files types like docs, pdf into documents and apex log files into log folder**

**and other all other specific file types into the respective folders in my downloads**  
Version 2  
#!/bin/bash

# Navigate to Downloads folder

cd ~/Downloads

echo "Organizing Downloads folder..."

# Create folders if they don't exist

mkdir -p Images

mkdir -p Documents

mkdir -p Logs

mkdir -p Videos

mkdir -p Audio

mkdir -p Archives

mkdir -p Applications

mkdir -p Code

mkdir -p Spreadsheets

mkdir -p Presentations

mkdir -p Ebooks

mkdir -p Fonts

mkdir -p Other

# Function to move files and report

move\_files() {

local pattern="$1"

local destination="$2"

local description="$3"

files\_moved=$(find . -maxdepth 1 $pattern -print0 2>/dev/null | wc -l | tr -d ' ')

if [ "$files\_moved" -gt 0 ]; then

find . -maxdepth 1 $pattern -exec mv {} "$destination"/ \; 2>/dev/null

echo "Moved $description to $destination/"

fi

}

# Images

move\_files "\( -iname '\*.jpg' -o -iname '\*.jpeg' -o -iname '\*.png' -o -iname '\*.gif' -o -iname '\*.bmp' -o -iname '\*.tiff' -o -iname '\*.tif' -o -iname '\*.webp' -o -iname '\*.svg' -o -iname '\*.ico' -o -iname '\*.heic' -o -iname '\*.raw' \)" "Images" "image files"

# Documents (including PDFs)

move\_files "\( -iname '\*.pdf' -o -iname '\*.doc' -o -iname '\*.docx' -o -iname '\*.txt' -o -iname '\*.rtf' -o -iname '\*.odt' -o -iname '\*.pages' -o -iname '\*.tex' -o -iname '\*.md' \)" "Documents" "document files"

# Logs (including Apex logs)

move\_files "\( -iname '\*.log' -o -iname '\*.apex' -o -iname '\*.apxc' -o -iname '\*.trace' -o -iname '\*.debug' \)" "Logs" "log files"

# Videos

move\_files "\( -iname '\*.mp4' -o -iname '\*.avi' -o -iname '\*.mkv' -o -iname '\*.mov' -o -iname '\*.wmv' -o -iname '\*.flv' -o -iname '\*.webm' -o -iname '\*.m4v' -o -iname '\*.3gp' -o -iname '\*.mpg' -o -iname '\*.mpeg' \)" "Videos" "video files"

# Audio

move\_files "\( -iname '\*.mp3' -o -iname '\*.wav' -o -iname '\*.flac' -o -iname '\*.aac' -o -iname '\*.ogg' -o -iname '\*.wma' -o -iname '\*.m4a' -o -iname '\*.aiff' \)" "Audio" "audio files"

# Archives

move\_files "\( -iname '\*.zip' -o -iname '\*.rar' -o -iname '\*.7z' -o -iname '\*.tar' -o -iname '\*.gz' -o -iname '\*.bz2' -o -iname '\*.xz' -o -iname '\*.dmg' -o -iname '\*.iso' \)" "Archives" "archive files"

# Applications

move\_files "\( -iname '\*.app' -o -iname '\*.pkg' -o -iname '\*.deb' -o -iname '\*.rpm' -o -iname '\*.msi' -o -iname '\*.exe' \)" "Applications" "application files"

# Code files

move\_files "\( -iname '\*.js' -o -iname '\*.html' -o -iname '\*.css' -o -iname '\*.py' -o -iname '\*.java' -o -iname '\*.cpp' -o -iname '\*.c' -o -iname '\*.php' -o -iname '\*.rb' -o -iname '\*.go' -o -iname '\*.rs' -o -iname '\*.swift' -o -iname '\*.kt' -o -iname '\*.json' -o -iname '\*.xml' -o -iname '\*.yaml' -o -iname '\*.yml' -o -iname '\*.sql' -o -iname '\*.sh' -o -iname '\*.bat' \)" "Code" "code files"

# Spreadsheets

move\_files "\( -iname '\*.xls' -o -iname '\*.xlsx' -o -iname '\*.csv' -o -iname '\*.ods' -o -iname '\*.numbers' \)" "Spreadsheets" "spreadsheet files"

# Presentations

move\_files "\( -iname '\*.ppt' -o -iname '\*.pptx' -o -iname '\*.odp' -o -iname '\*.key' \)" "Presentations" "presentation files"

# Ebooks

move\_files "\( -iname '\*.epub' -o -iname '\*.mobi' -o -iname '\*.azw' -o -iname '\*.azw3' -o -iname '\*.fb2' \)" "Ebooks" "ebook files"

# Fonts

move\_files "\( -iname '\*.ttf' -o -iname '\*.otf' -o -iname '\*.woff' -o -iname '\*.woff2' -o -iname '\*.eot' \)" "Fonts" "font files"

# Move any remaining files (excluding folders) to Other

find . -maxdepth 1 -type f ! -name ".\*" -exec mv {} Other/ \; 2>/dev/null

# Remove empty folders that were created but not used

rmdir Images Documents Logs Videos Audio Archives Applications Code Spreadsheets Presentations Ebooks Fonts Other 2>/dev/null

echo ""

echo "Organization complete! Check your Downloads folder for the new organized structure."

echo ""

echo "Created folders:"

ls -la | grep "^d" | grep -v "^\.$" | grep -v "^\.\.$" | awk '{print "- " $NF}'

**Prompt -** remember to not touch / move the files which are under folders

Version 3 -

#!/bin/bash

*# Navigate to Downloads folder*

cd ~/Downloads

echo "Organizing Downloads folder..."

*# Create folders if they don't exist*

mkdir -p Images

mkdir -p Documents

mkdir -p Logs

mkdir -p Videos

mkdir -p Audio

mkdir -p Archives

mkdir -p Applications

mkdir -p Code

mkdir -p Spreadsheets

mkdir -p Presentations

mkdir -p Ebooks

mkdir -p Fonts

mkdir -p Other

*# Function to move files and report (only files directly in Downloads, not in subfolders)*

move\_files() {

local pattern="$1"

local destination="$2"

local description="$3"

*# Only process files directly in Downloads folder (-maxdepth 1 -type f)*

files\_moved=$(find . -maxdepth 1 -type f $pattern 2>/dev/null | wc -l | tr -d ' ')

if [ "$files\_moved" -gt 0 ]; then

find . -maxdepth 1 -type f $pattern -exec mv {} "$destination"/ \; 2>/dev/null

echo "Moved $files\_moved $description to $destination/"

fi

}

*# Images*

move\_files "\( -iname '\*.jpg' -o -iname '\*.jpeg' -o -iname '\*.png' -o -iname '\*.gif' -o -iname '\*.bmp' -o -iname '\*.tiff' -o -iname '\*.tif' -o -iname '\*.webp' -o -iname '\*.svg' -o -iname '\*.ico' -o -iname '\*.heic' -o -iname '\*.raw' \)" "Images" "image files"

*# Documents (including PDFs)*

move\_files "\( -iname '\*.pdf' -o -iname '\*.doc' -o -iname '\*.docx' -o -iname '\*.txt' -o -iname '\*.rtf' -o -iname '\*.odt' -o -iname '\*.pages' -o -iname '\*.tex' -o -iname '\*.md' \)" "Documents" "document files"

*# Logs (including Apex logs)*

move\_files "\( -iname '\*.log' -o -iname '\*.apex' -o -iname '\*.apxc' -o -iname '\*.trace' -o -iname '\*.debug' \)" "Logs" "log files"

*# Videos*

move\_files "\( -iname '\*.mp4' -o -iname '\*.avi' -o -iname '\*.mkv' -o -iname '\*.mov' -o -iname '\*.wmv' -o -iname '\*.flv' -o -iname '\*.webm' -o -iname '\*.m4v' -o -iname '\*.3gp' -o -iname '\*.mpg' -o -iname '\*.mpeg' \)" "Videos" "video files"

*# Audio*

move\_files "\( -iname '\*.mp3' -o -iname '\*.wav' -o -iname '\*.flac' -o -iname '\*.aac' -o -iname '\*.ogg' -o -iname '\*.wma' -o -iname '\*.m4a' -o -iname '\*.aiff' \)" "Audio" "audio files"

*# Archives*

move\_files "\( -iname '\*.zip' -o -iname '\*.rar' -o -iname '\*.7z' -o -iname '\*.tar' -o -iname '\*.gz' -o -iname '\*.bz2' -o -iname '\*.xz' -o -iname '\*.dmg' -o -iname '\*.iso' \)" "Archives" "archive files"

*# Applications*

move\_files "\( -iname '\*.app' -o -iname '\*.pkg' -o -iname '\*.deb' -o -iname '\*.rpm' -o -iname '\*.msi' -o -iname '\*.exe' \)" "Applications" "application files"

*# Code files*

move\_files "\( -iname '\*.js' -o -iname '\*.html' -o -iname '\*.css' -o -iname '\*.py' -o -iname '\*.java' -o -iname '\*.cpp' -o -iname '\*.c' -o -iname '\*.php' -o -iname '\*.rb' -o -iname '\*.go' -o -iname '\*.rs' -o -iname '\*.swift' -o -iname '\*.kt' -o -iname '\*.json' -o -iname '\*.xml' -o -iname '\*.yaml' -o -iname '\*.yml' -o -iname '\*.sql' -o -iname '\*.sh' -o -iname '\*.bat' \)" "Code" "code files"

*# Spreadsheets*

move\_files "\( -iname '\*.xls' -o -iname '\*.xlsx' -o -iname '\*.csv' -o -iname '\*.ods' -o -iname '\*.numbers' \)" "Spreadsheets" "spreadsheet files"

*# Presentations*

move\_files "\( -iname '\*.ppt' -o -iname '\*.pptx' -o -iname '\*.odp' -o -iname '\*.key' \)" "Presentations" "presentation files"

*# Ebooks*

move\_files "\( -iname '\*.epub' -o -iname '\*.mobi' -o -iname '\*.azw' -o -iname '\*.azw3' -o -iname '\*.fb2' \)" "Ebooks" "ebook files"

*# Fonts*

move\_files "\( -iname '\*.ttf' -o -iname '\*.otf' -o -iname '\*.woff' -o -iname '\*.woff2' -o -iname '\*.eot' \)" "Fonts" "font files"

*# Move any remaining files (excluding folders) to Other*

find . -maxdepth 1 -type f ! -name ".\*" -exec mv {} Other/ \; 2>/dev/null

*# Remove empty folders that were created but not used*

rmdir Images Documents Logs Videos Audio Archives Applications Code Spreadsheets Presentations Ebooks Fonts Other 2>/dev/null

echo ""

echo "Organization complete! Check your Downloads folder for the new organized structure."

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echo "Created folders:"

ls -la | grep "^d" | grep -v "^\.$" | grep -v "^\.\.$" | awk '{print "- " $NF}'