PowerShell Scripting Homework 4:  
Photos Module

# Photo Organization Module

Create a module to help organize photos

## Features/Requirements

1. Create a module with named <yourname>\_Photos.psm1
2. Create a cmdlet Import-Photos with the following features
   1. Arguments
      1. SourceFolder: Location of image files to import, if omitted use current
      2. DestinationFolder: Location to copy/move files if omitted use current
      3. Move: switch parameter, moves files rather than copies files
   2. Functionality
      1. Move photos to destination creating a destination folder structure based on the date the photo was taken.
      2. Group photos by meaningful date range
      3. Support –Whatif
      4. Support –Verbose
3. Create a cmdlet named Rename-Photos
   1. Arguments
      1. SourceFolder: Location to process: use current folder if none specified
      2. Recurse: Switch to determine if we process sub folders
      3. NameRoot: Folder where naming begins
      4. Separator: Character used to separate elements in filename, default to “-“
      5. Force: Switch to Rename all
   2. Functionality
      1. Rename photos based on folder location, separate elements of name with the Separator character. Use some sort of id to distinguish individual pictures in a folder.
      2. Don’t rename files that already match folder location unless –force is specified
      3. Validate separator character
      4. Support –Whatif
      5. Support –Verbose
4. Provide Help for cmdlets

## Deliverable

Upload files to I-Learn

## Hints

## Rubric

20 Points Possible:

|  |  |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |