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Copy all images from folder and child folders

```
1.  import os
2.  import shutil
3.  def copy_images_and_parent_folder(source_folder, destination_folder):
```

```
4.     # Create the destination folder if it doesn't exist
5.     if not os.path.exists(destination_folder):
6.         os.makedirs(destination_folder)
7.     # Walk through the source folder and its subfolders
8.     for root, dirs, files in os.walk(source_folder):
9.         for file in files:
10.            # Check if the file is an image (based on file extension)
11.            if file.lower().endswith(('.png', '.jpg', '.jpeg',
12.                                     '.gif', '.bmp')):
13.                source_path = os.path.join(root, file)
14.                destination_path = os.path.join(destination_folder,
15.                                                 file)
16.                shutil.copy2(source_path, destination_path)
17.                print(f"Copied {file} to {destination_folder}")
18.            # Copy the parent folder from the source to the destination
19.            parent_folder = os.path.dirname(source_folder)
20.            parent_folder_name = os.path.basename(parent_folder)
21.            destination_parent_folder = os.path.join(destination_folder,
22.                                                    parent_folder_name)
23.            if not os.path.exists(destination_parent_folder):
24.                shutil.copytree(parent_folder, destination_parent_folder)
25.                print(f"Copied parent folder: {parent_folder_name}")
26.            # Set the source folder path (change to the desired folder)
27.            source_folder_path = "/path/to/your/source/folder"
28.            # Set the destination folder path (create a new folder or use an
29.            # existing one)
30.            destination_folder_path = "/path/to/your/destination/folder"
31.            # Call the function to copy images and the parent folder
32.            copy_images_and_parent_folder(source_folder_path,
33.                                          destination_folder_path)
34. }();
```

Replace “/path/to/your/source/folder” with the actual path to the folder containing your images, and “/path/to/your/destination/folder” with the desired destination folder. This script will copy image files source to the destination.

Git

[Git from the Bottom Up](#)
[ProGit Book](#)

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