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Programming

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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')):
12.                 source_path = os.path.join(root, file)
```

```
13.         destination_path = os.path.join(destination_folder,
    file)
14.         shutil.copy2(source_path, destination_path)
15.         print(f"Copied {file} to {destination_folder}")
16.         # Copy the parent folder from the source to the destination
17.         parent_folder = os.path.dirname(source_folder)
18.         parent_folder_name = os.path.basename(parent_folder)
19.         destination_parent_folder = os.path.join(destination_folder,
    parent_folder_name)
20.         if not os.path.exists(destination_parent_folder):
21.             shutil.copytree(parent_folder, destination_parent_folder)
22.             print(f"Copied parent folder: {parent_folder_name}")
23.         # Set the source folder path (change to the desired folder)
24.         source_folder_path = "/path/to/your/source/folder"
25.         # Set the destination folder path (create a new folder or use an
    existing one)
26.         destination_folder_path = "/path/to/your/destination/folder"
27.         # Call the function to copy images and the parent folder
28.         copy_images_and_parent_folder(source_folder_path,
    destination_folder_path)
29. }();
```

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.

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