from google.colab import files

from PIL import Image

import re

def process\_uploaded\_files\_v2():

uploaded = files.upload()

file\_groups = {}

for filename in uploaded.keys():

group\_name = filename[:12]

if group\_name not in file\_groups:

file\_groups[group\_name] = []

file\_groups[group\_name].append(filename)

for group\_name, file\_list in file\_groups.items():

file\_list.sort(key=lambda x: int(re.search(r'(\d+)', x).group(1)) if re.search(r'(\d+)', x) else 0)

images = []

for image\_file in file\_list:

try:

images.append(Image.open(image\_file))

except IOError:

print(f"Error opening image: {image\_file}")

if images:

output\_pdf = f"{group\_name}.pdf"

images[0].save(output\_pdf, save\_all=True, append\_images=images[1:])

files.download(output\_pdf)

else:

print(f"No valid images found for group {group\_name}.")

process\_uploaded\_files\_v2()