# 377.https://stackoverflow.com/questions/71345434/python-image-generator-from-a-group-in-a-range

**T:**python : image generator from a group in a range

**Q:**I am new here.I found a code online and I am trying to fix some things.  
  
I want my groups to use/see all files inside designated folder (\*.png) for that group , not only these I typed.  
  
group1 = [r"D:/IM/1x/5\_0.png",r"D:/IM/1x/5\_1.png",r"D:/IM/1x/5\_2.png"  
  
Group 2 is using files located  
  
D:/IM/2x/  
  
it can be 100x more pictures inside this folder(1x), I do not want to locate every single one as separate line  
  
Here is the code. Thank you very much for any help.If it does not make sense, please ask.  
  
from PIL import Imagegroup1 = [ r"D:/IM/1x/5\_0.png", r"D:/IM/1x/5\_1.png", r"D:/IM/1x/5\_2.png", r"D:/IM/1x/5\_3.png", r"D:/IM/1x/5\_4.png",]group2 = [ r"D:/IM/2x/4\_0.png", r"D:/IM/2x/4\_1.png", r"D:/IM/2x/4\_2.png"]group3 = [ r"D:/IM/3x/3\_1.png"]counter = 1def createImage(a,b,c, counter): first = group1[a] second = group2[b] third = group3[c] image01 = Image.open(first).convert("RGBA") image02 = Image.open(second).convert("RGBA") image03 = Image.open(third).convert("RGBA") intermediate = Image.alpha\_composite(image01, image02) intermediate2 = Image.alpha\_composite(intermediate, image03) name = "D:/DONE/" + str(counter) + ".png" intermediate2.save(name)for a in range(10): for b in range(3): for c in range(1): createImage(a,b,c, counter) counter = counter + 1  
  
WARN: THIS PARAGRAPH CONTAINS TAG: [CODE]

**C1:**please explain what is group and why group?

**C2:**I’m not sure why group was used in this code. My guess is to group objects from different folders in different groups

**C3:**Have you tried using glob.glob to list all the files in the directory? See also docs.python.org/3/library/glob.html

**C4:**Hi. Not yet. How would I write it for a group 1 For a folder in d:/IM/1x/

**C5:**I got it. It’s working. Thank you.

0 **Answer**