load('file.mat'); % my file

warning off;

%build a database of images

all\_images = zeros(400,64,64,3);

k = 1;

for i = 1:500

disp(i)

ZNew = randn(numLatentInputs,25,'single');

dlZNew = dlarray(ZNew,'CB');

dlXGeneratedNew = predict(netG,dlZNew);

for imageNumber = 1:25

E = extractdata(dlXGeneratedNew);

all\_images(k,:,:,:) = rescale(squeeze(E(:,:,:,imageNumber)));

k = k+1;

end

end

%save images

i = 101;

save\_folder = 'directory';

for k = 1:500

disp(k);

image(squeeze(all\_images(k,:,:,:)))

axis off

set(gca,'position',[0 0 1 1])

saveas(gcf,[save\_folder 'name' int2str(i) '.jpg']);

i = i+1;

end