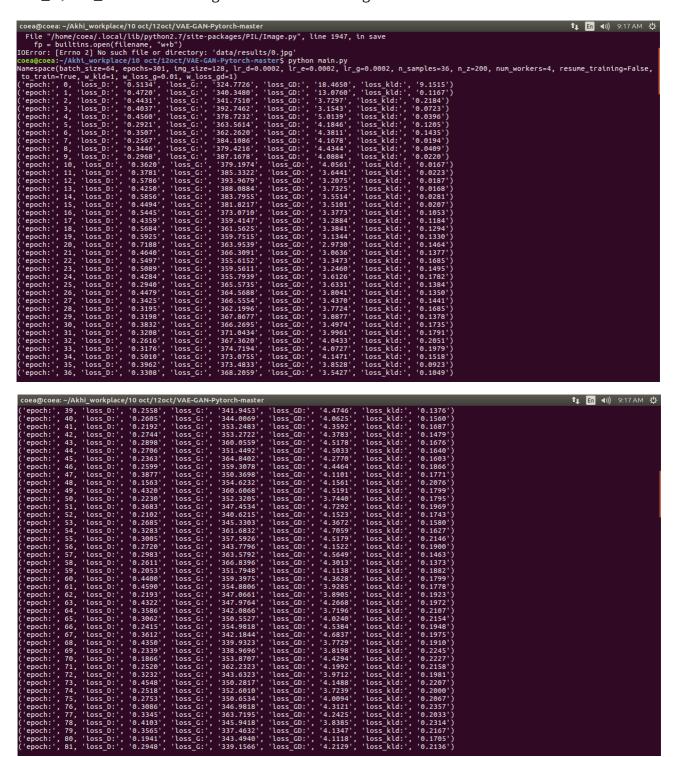
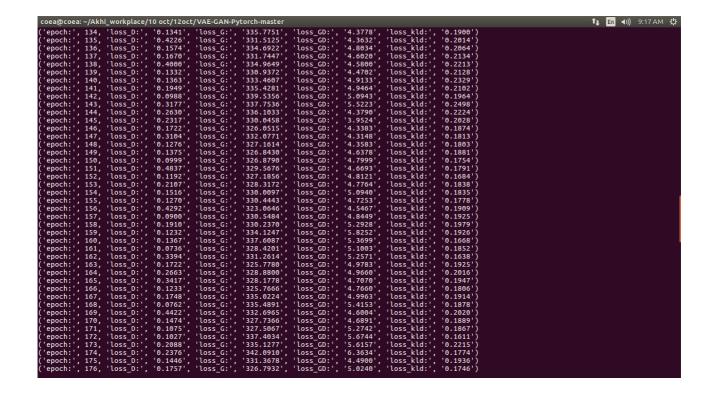
Output:

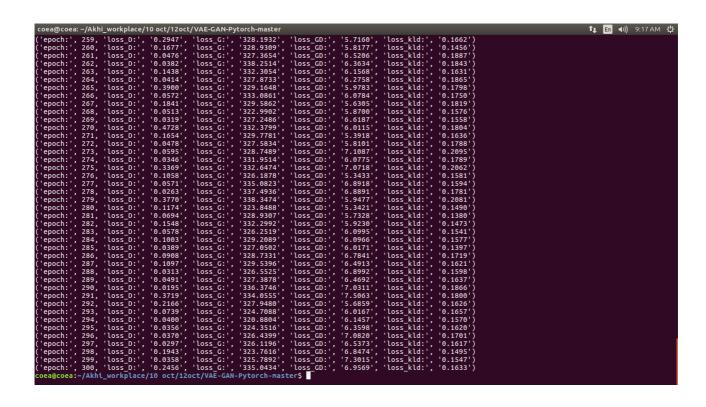
Please check loss_D, loss_G, loss_GD loss_G, loss_GD is not converge. Is it unstable training.



coea@coea: ~/Akhi_workplace/10 oct/12oc	t/VAE-GAN-Pytorch-master			1 ↓ En ◀)) 9:17 AM 🔱
('epoch:', 84, 'loss D:', '0.1397',	'loss G:', '340.0622', 'loss GD:',	'4.3721', 'loss kld:',	'0.2151')	
('epoch:', 85, 'loss_D:', '0.2235',	'loss_G:', '340.8265', 'loss_GD:',	'4.3622', 'loss_kld:',	'0.1923')	
('epoch:', 86, 'loss_D:', '0.2198',	'loss_G:', '347.1862', 'loss_GD:',	'4.6545', 'loss_kld:',	'0.2060')	
('epoch:', 87, 'loss_D:', '0.0829',	'loss_G:', '342.4987', 'loss_GD:',	'4.5906', 'loss_kld:',	'0.2349')	
('epoch:', 88, 'loss_D:', '0.4005',	'loss_G:', '342.7727', 'loss_GD:',	'4.7351', 'loss_kld:',	'0.2273')	
('epoch:', 89, 'loss_D:', '0.3482',	'loss_G:', '347.5073', 'loss_GD:',		'0.1886')	
('epoch:', 90, 'loss_D:', '0.2804',			'0.2032')	
('epoch:', 91, 'loss_D:', '0.2141',			'0.1887')	
('epoch:', 92, 'loss_D:', '0.3070',			'0.2266')	
('epoch:', 93, 'loss_D:', '0.3346',				
('epoch:', 94, 'loss_D:', '0.4208',			'0.2051')	
('epoch:', 95, 'loss_D:', '0.2872',			'0.1931')	
('epoch:', 96, 'loss_D:', '0.3268',			'0.1946')	
('epoch:', 97, 'loss_D:', '0.1799',				
('epoch:', 98, 'loss_D:', '0.2549',			'0.2107')	
('epoch:', 99, 'loss_D:', '0.1813',				
	, 'loss_G:', '339.4012', 'loss_GD:'			
('epoch:', 101, 'loss_D:', '0.2407',		, '3.9121', 'loss_kld:'		
('epoch:', 102, 'loss_D:', '0.2243',		, '4.4485', 'loss_kld:'		
	'loss_G:', '345.1571', 'loss_GD:'			
		, '4.5656', 'loss_kld:'		
('epoch:', 105, 'loss_D:', '0.3950',		, '4.7366', 'loss_kld:'		
		, '4.1436', 'loss_kld:'		
		, '4.0135', 'loss_kld:'		
		, '4.3855', 'loss_kld:'		
		, '4.9428', 'loss_kld:'		
		, '4.6294', 'loss_kld:'		
		, '5.5438', 'loss_kld:'		
		, '5.9334', 'loss_kld:'		
	'loss_G:', '354.5767', 'loss_GD:'			
('epoch:', 114, 'loss_D:', '0.1497',		, '4.8259', 'loss_kld:'		
	, 'loss_G:', '344.1545', 'loss_GD:'			
		, '4.0449', 'loss_kld:'		
		, '4.7463', 'loss_kld:'		
	'loss_G:', '344.0529', 'loss_GD:'			
		, '4.0153', 'loss_kld:'		
	'loss_G:', '337.6898', 'loss_GD:'			
		, '4.7127', 'loss_kld:'		
		, '5.1217', 'loss_kld:'		
	'loss_G:', '345.8789', 'loss_GD:'			
		, '4.1726', 'loss_kld:'		
	'loss_G:', '337.4555', 'loss_GD:'			
('epoch:', 126, 'loss_D:', '0.2023',	'loss_G:', '338.8457', 'loss_GD:'	, '4.0681', 'loss_kld:'	, '0.1893')	



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('epoch:', 184, 'loss D:',	'0.0468', 'loss G:',	'325.8462', 'loss GD:',	'6.0188',	'loss kld:'.	'0.1762')			
('epoch:', 185, 'loss D:',	'0.1312', 'loss G:',	'335.0038', 'loss GD:',	'7.8850',	'loss kld:'.	'0.2006')			
('epoch:', 186, 'loss_D:',	'0.3841', 'loss_G:',	'341.8189', 'loss_GD:',	'5.9952',	'loss_kld:',	'0.1970')			
('epoch:', 187, 'loss_D:',	'0.3364', 'loss_G:',	'337.6794', 'loss_GD:',	'4.5618',	'loss_kld:',	'0.1700')			
('epoch:', 188, 'loss_D:',	'0.1319', 'loss_G:',	'329.4953', 'loss_GD:',	'4.7264',	'loss_kld:',	'0.1624')			
('epoch:', 189, 'loss_D:',	'0.0814', 'loss_G:',	'329.6057', 'loss_GD:',	'4.7582',	'loss_kld:',	'0.1615')			
('epoch:', 190, 'loss_D:',		'329.2744', 'loss_GD:',	'4.9813',	, 'loss_kld:',	'0.1589')			
('epoch:', 191, 'loss_D:',	'0.0727', 'loss_G:',	'326.4151', 'loss_GD:',	'5.1962',	, 'loss_kld:',	'0.1737')			
('epoch:', 192, 'loss_D:',	'0.0800', 'loss_G:',	'326.8218', 'loss_GD:',	'5.6469',	, 'loss_kld:',	'0.1696')			
('epoch:', 193, 'loss_D:',	'0.0572', 'loss_G:',	'329.8181', 'loss_GD:',	'5.5300',	, 'loss_kld:',	'0.1810')			
('epoch:', 194, 'loss_D:',		'332.2418', 'loss_GD:',			'0.2006')			
('epoch:', 195, 'loss_D:',		'334.7668', 'loss_GD:',						
('epoch:', 196, 'loss_D:',		'330.4484', 'loss_GD:',	'5.8520',	, 'loss_kld:',	'0.2131')			
('epoch:', 197, 'loss_D:',		'334.6356', 'loss_GD:',			'0.2058')			
('epoch:', 198, 'loss_D:',		'329.2734', 'loss_GD:',	'5.5660',	, 'loss_kld:',	'0.1856')			
('epoch:', 199, 'loss_D:',		'326.6366', 'loss_GD:',						
('epoch:', 200, 'loss_D:',		'333.2711', 'loss_GD:',		, 'loss_kld:',				
('epoch:', 201, 'loss_D:',		'330.4449', 'loss_GD:',			'0.1593')			
('epoch:', 202, 'loss_D:',		'332.9210', 'loss_GD:',			'0.1468')			
('epoch:', 203, 'loss_D:',		'330.6797', 'loss_GD:',		, 'loss_kld:',				
('epoch:', 204, 'loss_D:',		'326.6500', 'loss_GD:',						
('epoch:', 205, 'loss_D:',		'329.3004', 'loss_GD:',						
('epoch:', 206, 'loss_D:',		'331.3111', 'loss_GD:',			'0.1513')			
('epoch:', 207, 'loss_D:',		'331.3054', 'loss_GD:',						
('epoch:', 208, 'loss_D:',		'329.1798', 'loss_GD:',		'loss_kld:',				
('epoch:', 209, 'loss_D:',		'328.6723', 'loss_GD:',						
('epoch:', 210, 'loss_D:',		'329.6199', 'loss_GD:',			'0.1973')			
('epoch:', 211, 'loss_D:',		'326.3379', 'loss_GD:',						1
('epoch:', 212, 'loss_D:',								
('epoch:', 213, 'loss_D:',		'326.3457', 'loss_GD:',			'0.1692')			
('epoch:', 214, 'loss_D:',		'331.0950', 'loss_GD:',			'0.1602')			
('epoch:', 215, 'loss_D:',		'337.1469', 'loss_GD:',						
('epoch:', 216, 'loss_D:',		'328.1343', 'loss_GD:',		'loss_kld:',				
('epoch:', 217, 'loss_D:',		'325.9738', 'loss_GD:',			'0.1572')			
('epoch:', 218, 'loss_D:',		'331.4018', 'loss_GD:',			'0.1529')			
('epoch:', 219, 'loss_D:',		'325.8372', 'loss_GD:',		, 'loss_kld:',				
('epoch:', 220, 'loss_D:',				, 'loss_kld:',				
('epoch:', 221, 'loss_D:',		'332.9430', 'loss_GD:',			'0.1820')			
('epoch:', 222, 'loss_D:',		'328.3549', 'loss_GD:',		, 'loss_kld:',				
('epoch:', 223, 'loss_D:',		'323.9392', 'loss_GD:',		, 'loss_kld:', , 'loss kld:',				
('epoch:', 224, 'loss_D:',		'327.6327', 'loss_GD:',						
('epoch:', 225, 'loss_D:', ('epoch:', 226, 'loss_D:',				, 'loss_kld:',				
(epocii. , 220, toss_D: ,	0.0801 , toss_G: ,	329.1020 , toss_GD: ,	0.1209	, toss_ktu: ,	0.1500)			



This is the generated image:

loss_G , loss_GD is not converged. So what is the problem.

Is GAN has not achieved Nash equilibrium

Please give the paper that you have implemed. Any source paper or material for this code.

