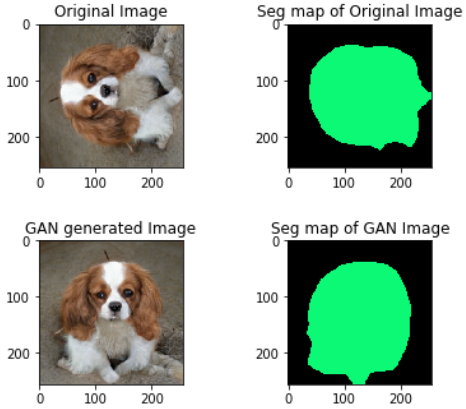
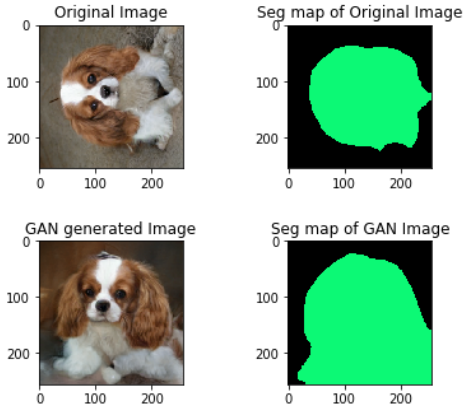
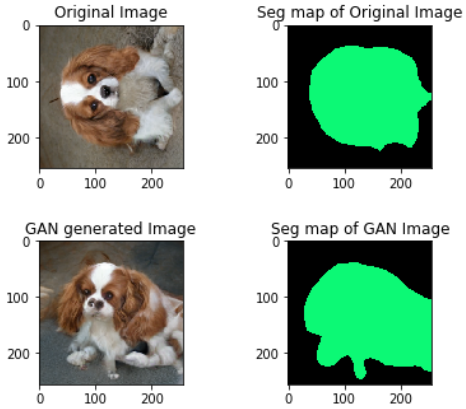
```
cost_old 1  is  tensor(1.3168, device='cuda:0', grad_fn=<SqrtBackward>)
cost 1  is  tensor(0.4932, device='cuda:0', grad_fn=<NllLoss2DBackward>)
```



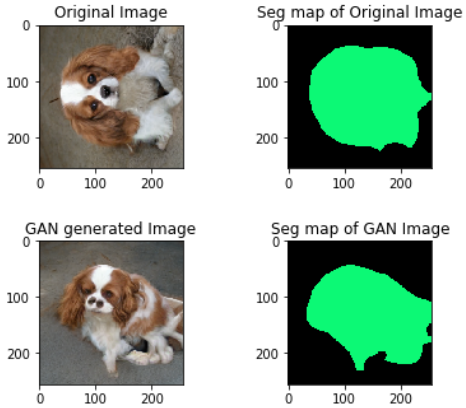

```
--------------------------------------------------------------------------------
--------------
cost_old 2  is  tensor(1.8599, device='cuda:0', grad_fn=<SqrtBackward>)
cost 2  is  tensor(0.6110, device='cuda:0', grad_fn=<NllLoss2DBackward>)
```



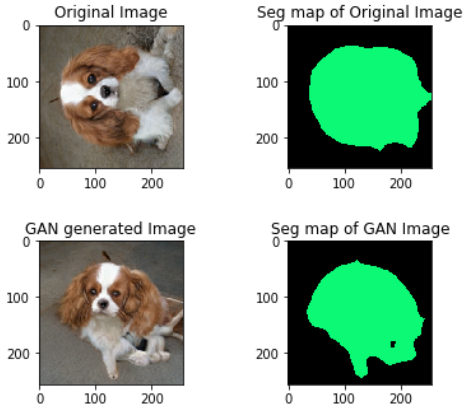

```
--------------------------------------------------------------------------------
--------------
cost_old 3  is  tensor(1.3789, device='cuda:0', grad_fn=<SqrtBackward>)
cost 3  is  tensor(0.3369, device='cuda:0', grad_fn=<NllLoss2DBackward>)
```

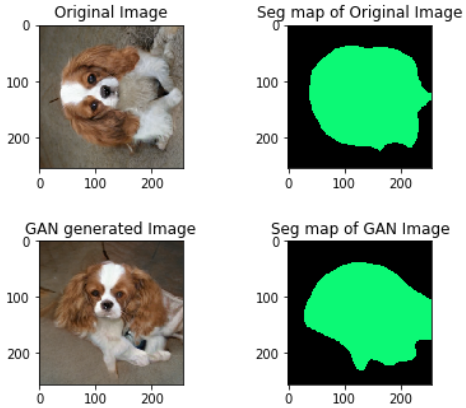

```
--------------------------------------------------------------------------------
--------------
cost_old 4  is  tensor(1.7467, device='cuda:0', grad_fn=<SqrtBackward>)
cost 4  is  tensor(0.3283, device='cuda:0', grad_fn=<NllLoss2DBackward>)
```



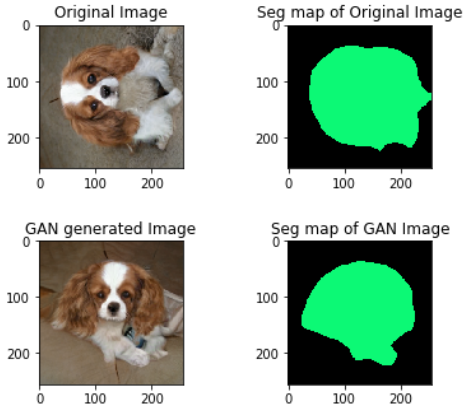

```
--------------------------------------------------------------------------------
--------------
cost_old 5  is  tensor(1.6009, device='cuda:0', grad_fn=<SqrtBackward>)
cost 5  is  tensor(0.2655, device='cuda:0', grad_fn=<NllLoss2DBackward>)
```



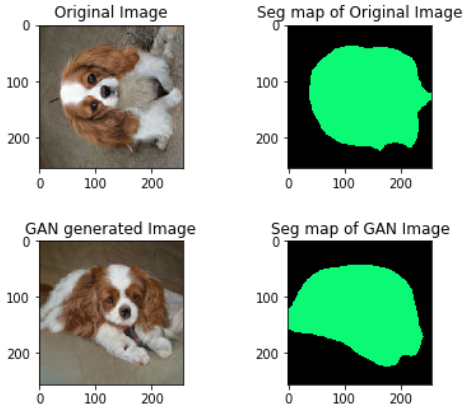
```
cost_old 6  is  tensor(1.3746, device='cuda:0', grad_fn=<SqrtBackward>)
cost 6  is  tensor(0.2279, device='cuda:0', grad_fn=<NllLoss2DBackward>)
```



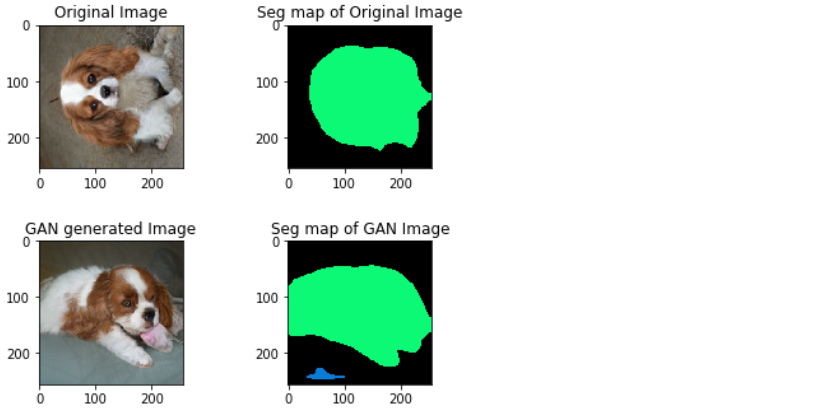
```
cost_old 7  is  tensor(1.3466, device='cuda:0', grad_fn=<SqrtBackward>)
cost 7  is  tensor(0.3444, device='cuda:0', grad_fn=<NllLoss2DBackward>)
```

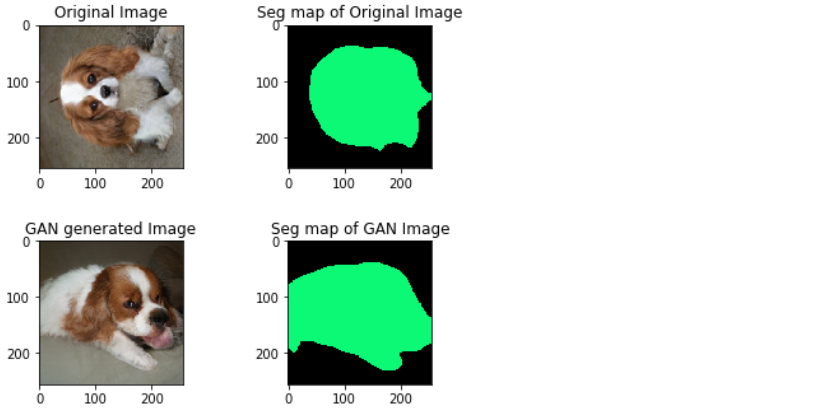
```
cost_old 8  is  tensor(1.4195, device='cuda:0', grad_fn=<SqrtBackward>)
cost 8  is  tensor(0.3601, device='cuda:0', grad_fn=<NllLoss2DBackward>)
```



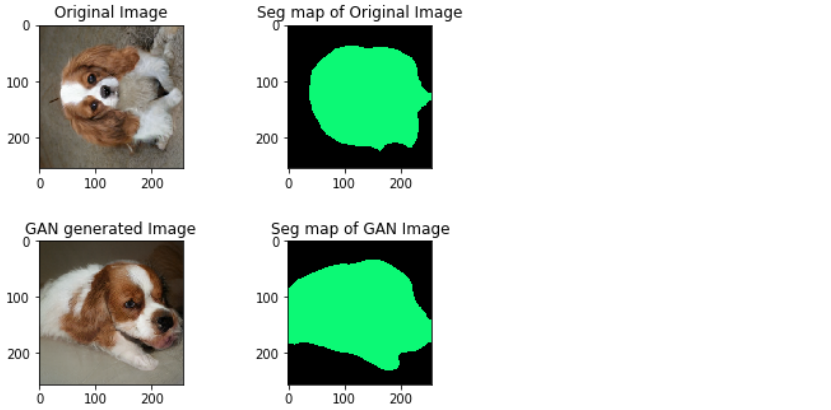
```
cost_old 9  is  tensor(1.9721, device='cuda:0', grad_fn=<SqrtBackward>)
cost 9  is  tensor(0.5220, device='cuda:0', grad_fn=<NllLoss2DBackward>)
```



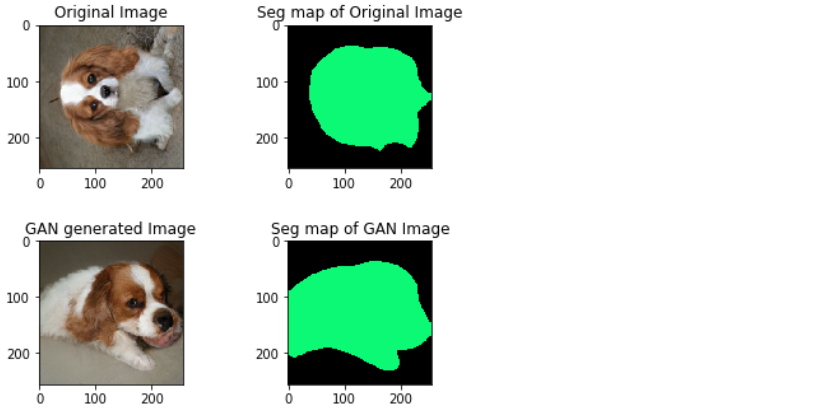
```
cost_old 10  is  tensor(1.7010, device='cuda:0', grad_fn=<SqrtBackward>)
cost 10  is  tensor(0.4895, device='cuda:0', grad_fn=<NllLoss2DBackward>)
```



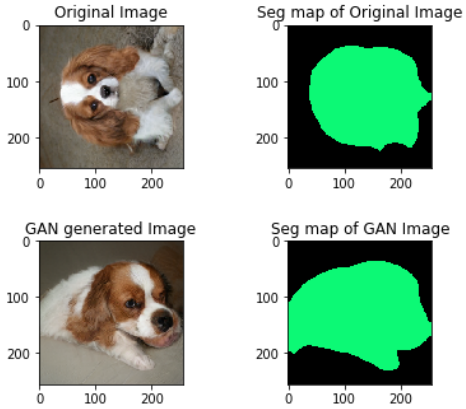
```
cost_old 11  is  tensor(1.6094, device='cuda:0', grad_fn=<SqrtBackward>)
cost 11  is  tensor(0.4632, device='cuda:0', grad_fn=<NllLoss2DBackward>)
```

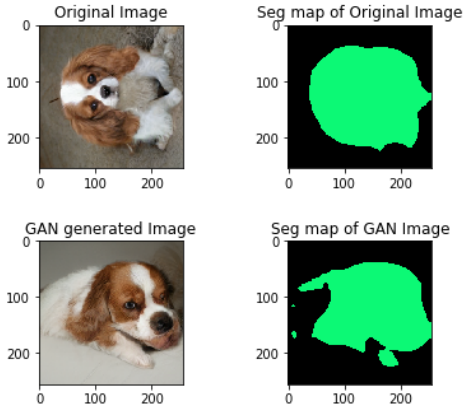
```
cost_old 12  is  tensor(1.5725, device='cuda:0', grad_fn=<SqrtBackward>)
cost 12  is  tensor(0.4124, device='cuda:0', grad_fn=<NllLoss2DBackward>)
```



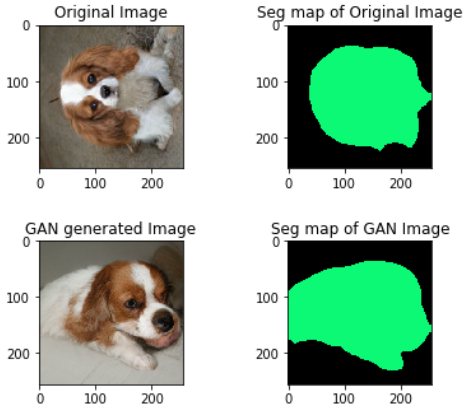
```
cost_old 13  is  tensor(1.5412, device='cuda:0', grad_fn=<SqrtBackward>)
cost 13  is  tensor(0.3247, device='cuda:0', grad_fn=<NllLoss2DBackward>)
```



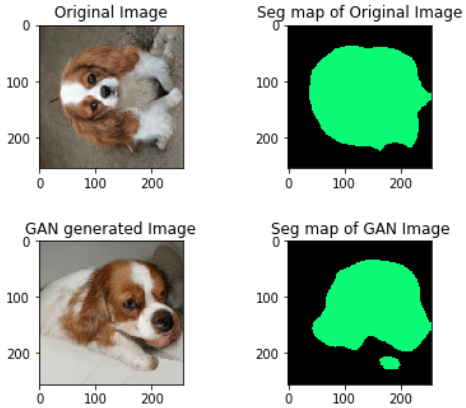
```
cost_old 14  is  tensor(1.6023, device='cuda:0', grad_fn=<SqrtBackward>)
cost 14  is  tensor(0.2858, device='cuda:0', grad_fn=<NllLoss2DBackward>)
```



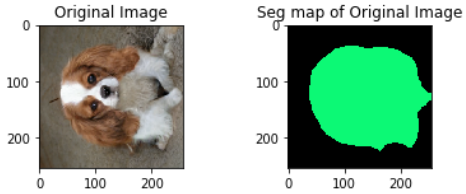
```
cost_old 15  is  tensor(1.5797, device='cuda:0', grad_fn=<SqrtBackward>)
cost 15  is  tensor(0.2779, device='cuda:0', grad_fn=<NllLoss2DBackward>)
```

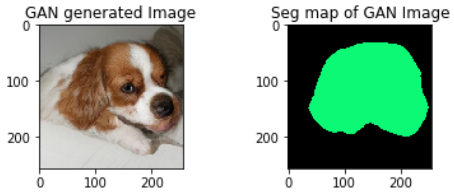



```
cost_old 16  is  tensor(1.5219, device='cuda:0', grad_fn=<SqrtBackward>)
cost 16  is  tensor(0.2800, device='cuda:0', grad_fn=<NllLoss2DBackward>)
```

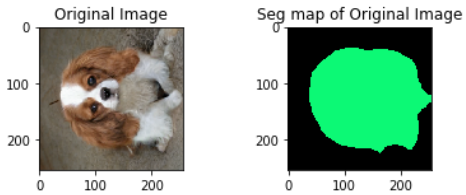


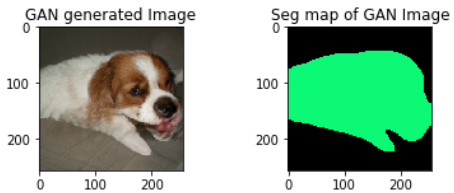
```
cost_old 17  is  tensor(1.8273, device='cuda:0', grad_fn=<SqrtBackward>)
cost 17  is  tensor(0.3142, device='cuda:0', grad_fn=<NllLoss2DBackward>)
```



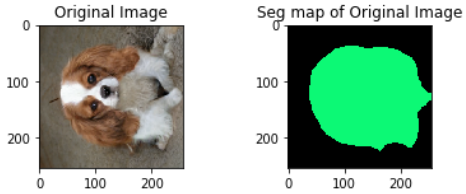


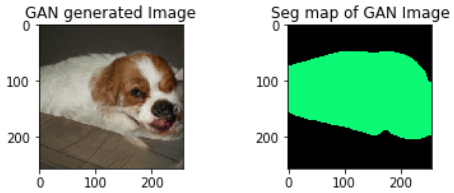
```
cost_old 18  is  tensor(2.0034, device='cuda:0', grad_fn=<SqrtBackward>)
cost 18  is  tensor(0.4847, device='cuda:0', grad_fn=<NllLoss2DBackward>)
```



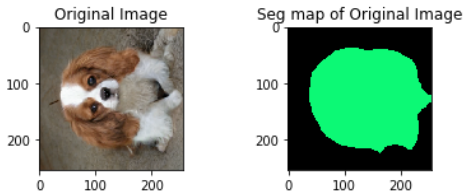


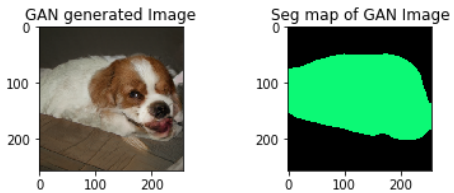
```
cost_old 19  is  tensor(1.8109, device='cuda:0', grad_fn=<SqrtBackward>)
cost 19  is  tensor(0.5316, device='cuda:0', grad_fn=<NllLoss2DBackward>)
```



```
cost_old 20  is  tensor(1.6628, device='cuda:0', grad_fn=<SqrtBackward>)
cost 20  is  tensor(0.4177, device='cuda:0', grad_fn=<NllLoss2DBackward>)
```





End

In [24]:

```
import src.demo
```

In [ ]:

```
# !python demo.py -w ./biggan256-release.pt -s 256 -t 0.2 -c 260
```