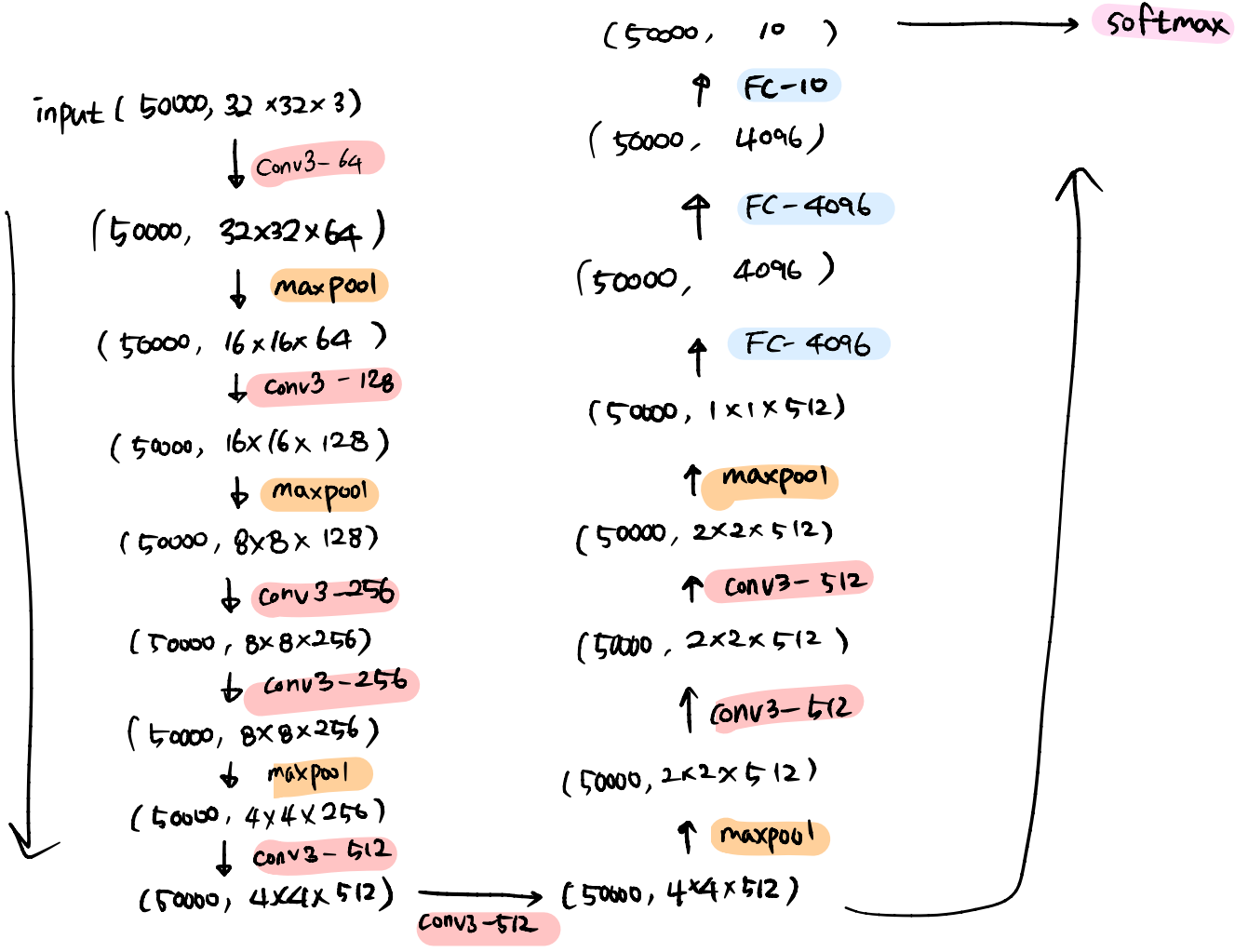
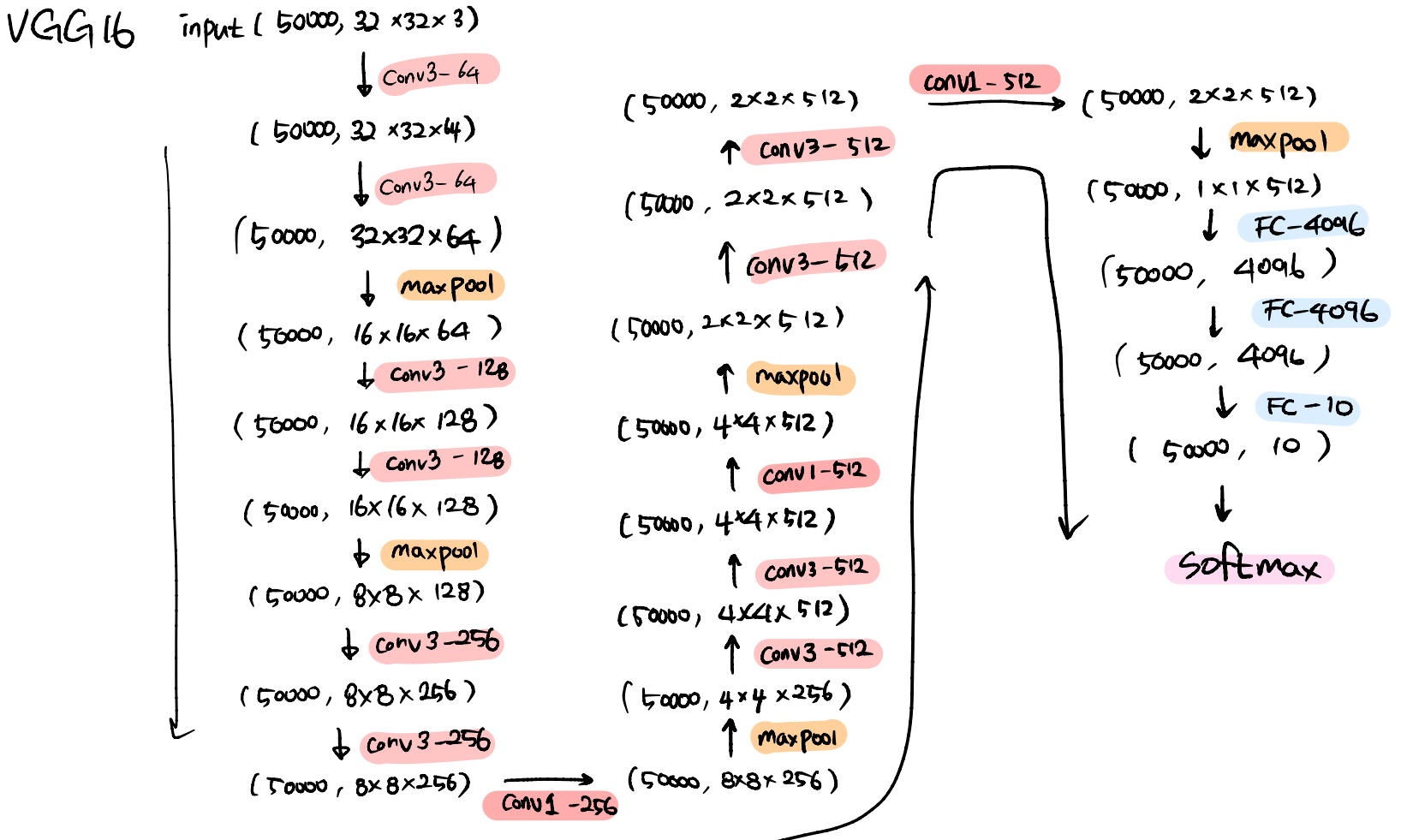
VGG 11


input (50000, 32 x32x 3)
Conv3- 64
(50000, 32x32x64)
maxpool
(50000, 16 x16x 64)
conv3 - 128
(50000, 16x16 x 128)
maxpool
(50000, 8x8 x 128)
conv3 -256
(50000, 8x8x256)
conv3-256
(50000, 8x8x256)
maxpool
(50000, 4x4x256)
conv3 - 512
(50000, 4x4x 512)
conv3 -512
(50000, 4x4x512)
maxpool
(50000, 2x2x512)
conv3- 512
(50000, 2x2x512)
conv3- 512
(50000, 2x2x512)
maxpool
(50000, 1x1x512)
FC- 4096
(50000, 4096)
FC-4096
(50000, 4096)
FC-10
(50000, 10)
softmax


VGG16
input (50000, 32 ×32× 3)
Conv3- 64
(50000, 32 ×32×4)
Conv3- 64
(50000, 32x32x64)
maxpool
(50000, 16 x16x 64)
Conv3 - 128
(50000, 16 x16x 128)
Conv3 - 128
(50000, 16x16 x 128)
maxpool
(50000, 8x8 x 128)
Conv3 -256
(50000, 8x8 x 256)
Conv3 -256
(50000, 8x8x256)
Conv1 -256
(50000, 8x8x 256)
maxpool
(50000, 4 x4 x256)
Conv3 -512
(50000, 4x4x 512)
Conv3 -512
(50000, 4*4 x 512)
Conv1 -512
(50000, 4*4 x 512)
maxpool
(50000, 2x2x 512)
Conv3- 512
(50000 , 2x2x 512)
Conv3- 512
(50000, 2x2x 512)
Conv1 - 512
(50000, 2x2x 512)
maxpool
(50000, 1x1x 512)
FC-4096
(50000, 4096)
FC-4096
(50000, 4096)
FC - 10
(50000, 10)
Softmax