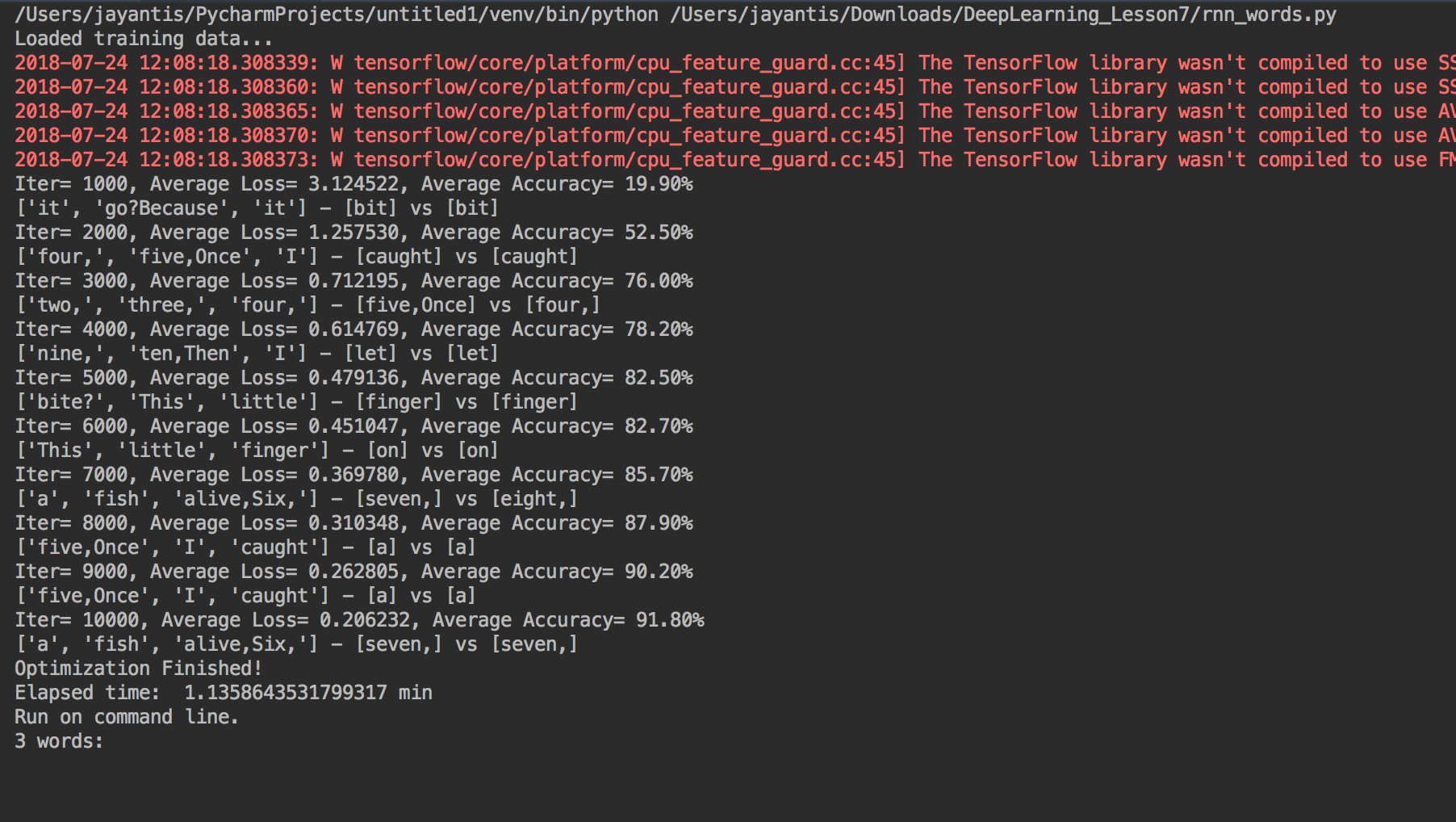
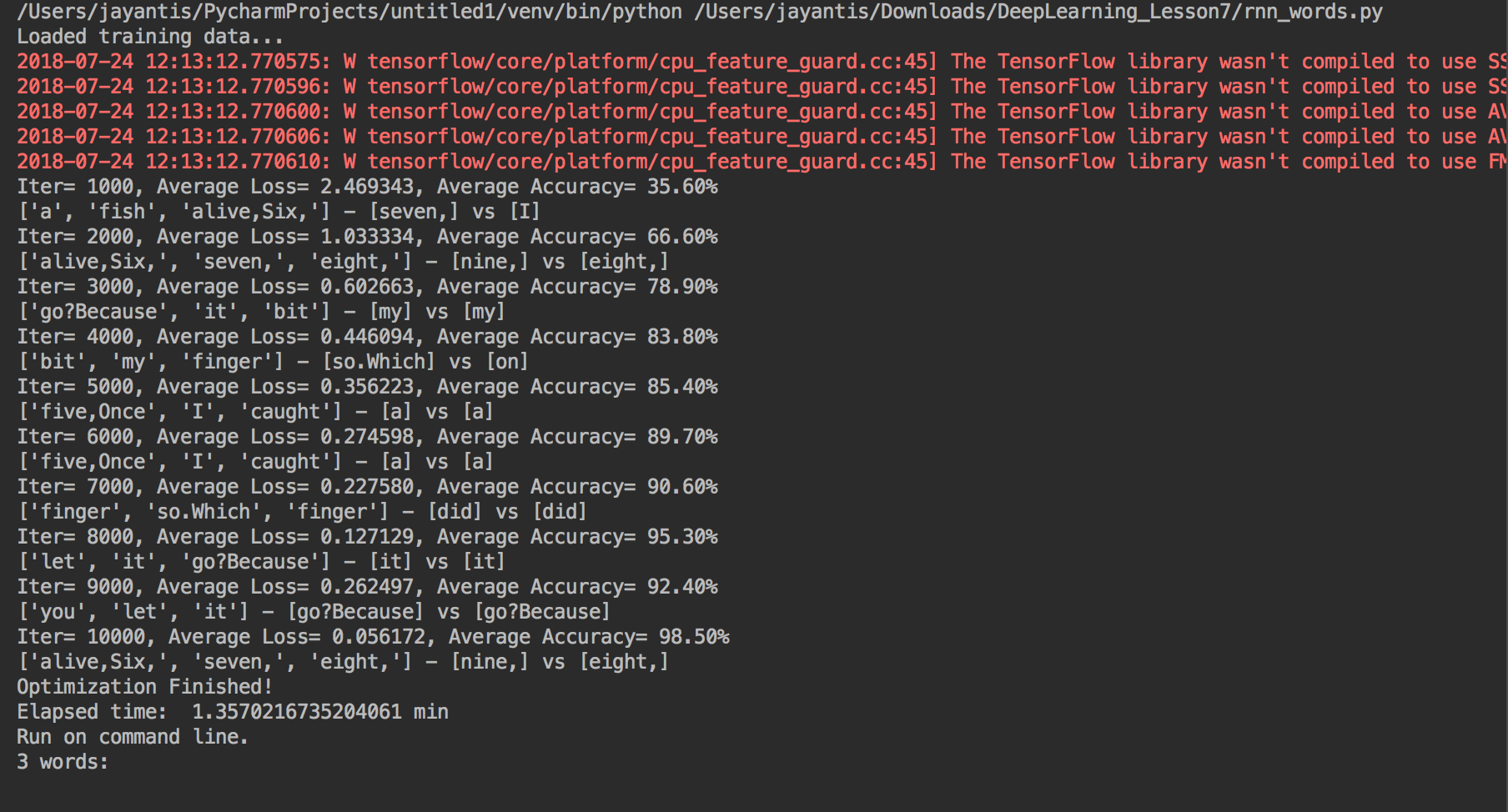
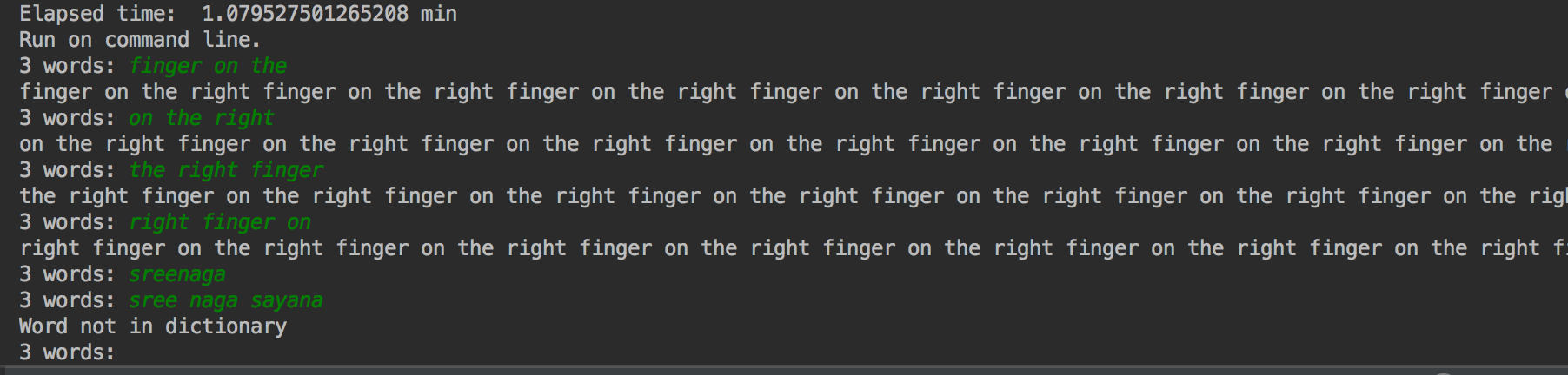
Changing the hyperparameters

Optimizer: RMSProp

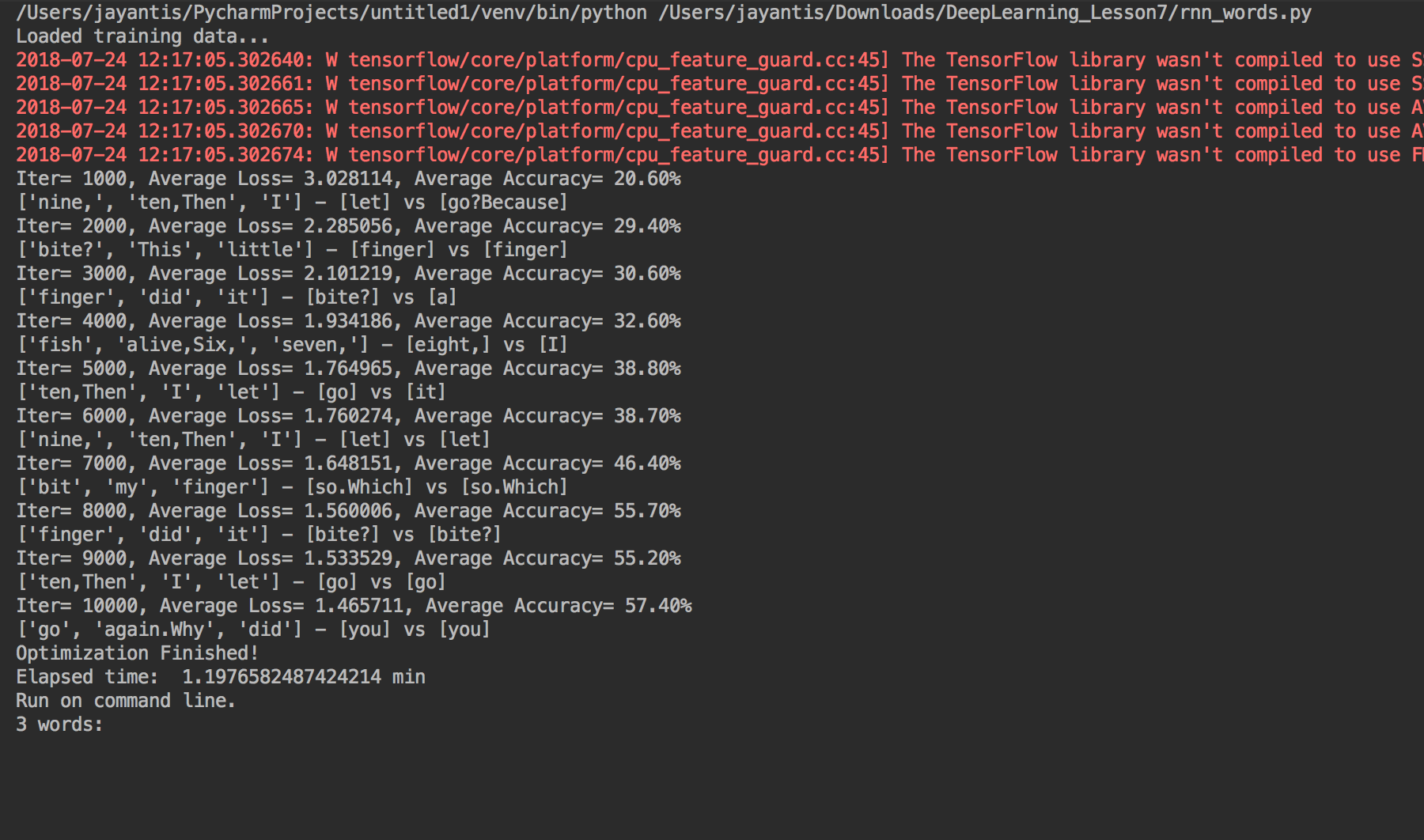


Optimizer:Adam

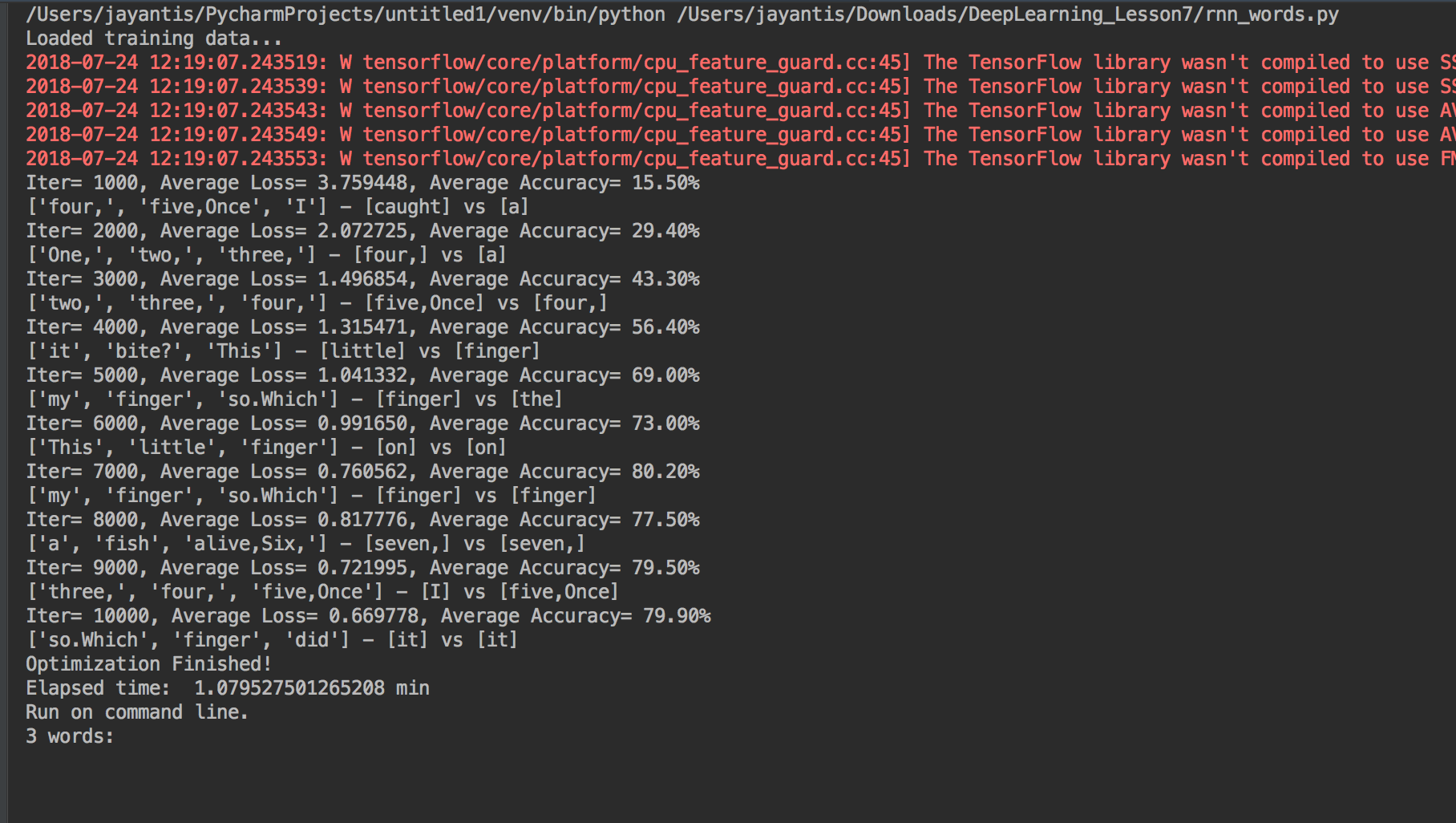




Optimizer:Adagrad



Optimizer: GradientDescent



Changing the parameters:

Optimizer: Adamoptimizer

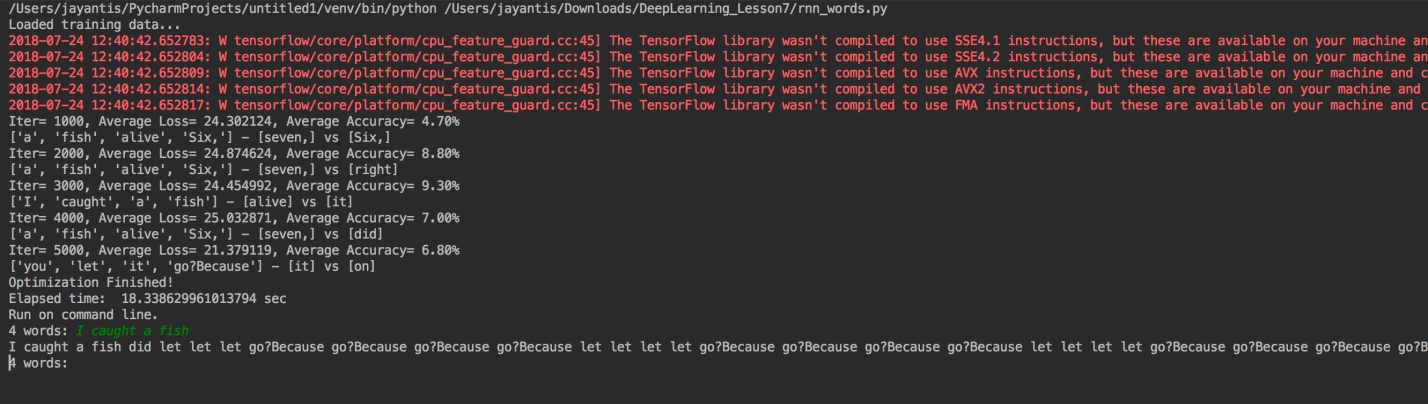
Learning rate = 0.1

Training\_iters = 5000

Display\_step = 1000

N\_input = 4

N\_hidden = 256



Optimizer: Adamoptimizer

Learning rate = 0.5

Training\_iters = 5000

Display\_step = 1000

N\_input = 5

N\_hidden = 1024

