

For SARSA

alpha = 0.1

gamma = 0.99

epsilon = 0.2

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For Q-Learning

episodes = 2000

alpha = 0.1

gamma = 0.99

epsilon = 0.2,

#####

For Monte Carlo Method:

num\_episodes = 2000

gamma = 0.95

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For Linear Function Approximation

episodes = 1000

# Learning Rate:

alpha = 0.1

# Discount Factor:

gamma = 0.99

# Exploration Rate:

epsilon = 0.2

#####

For Non-Linear Function Approximation

#Epochs/episodes

episode = 800

#Learning Rate  
 $\alpha = 0.1$

# Discount Factor  
 $\gamma = 0.99$

# Exploration Rate  
 $\epsilon = 0.2$