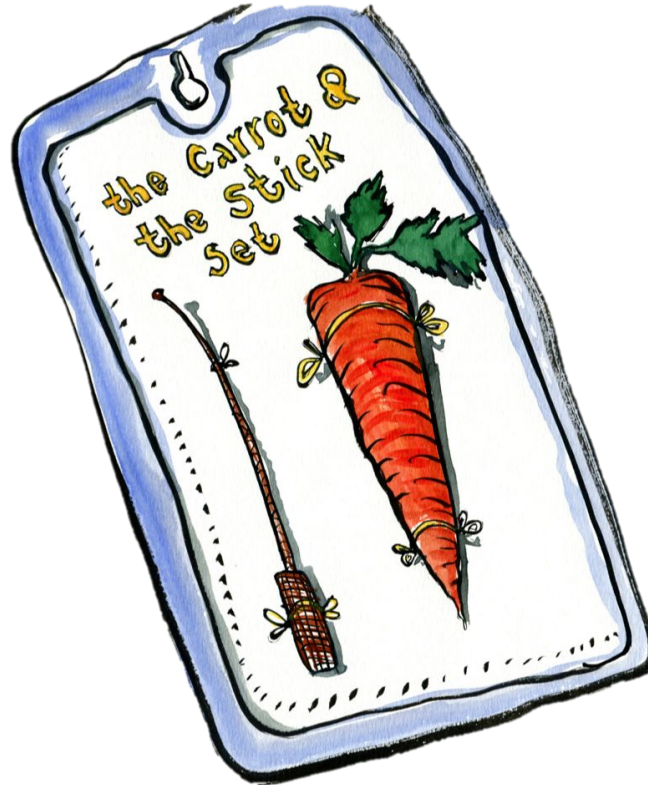# Reinforcement Learning and Markov Decision Processes
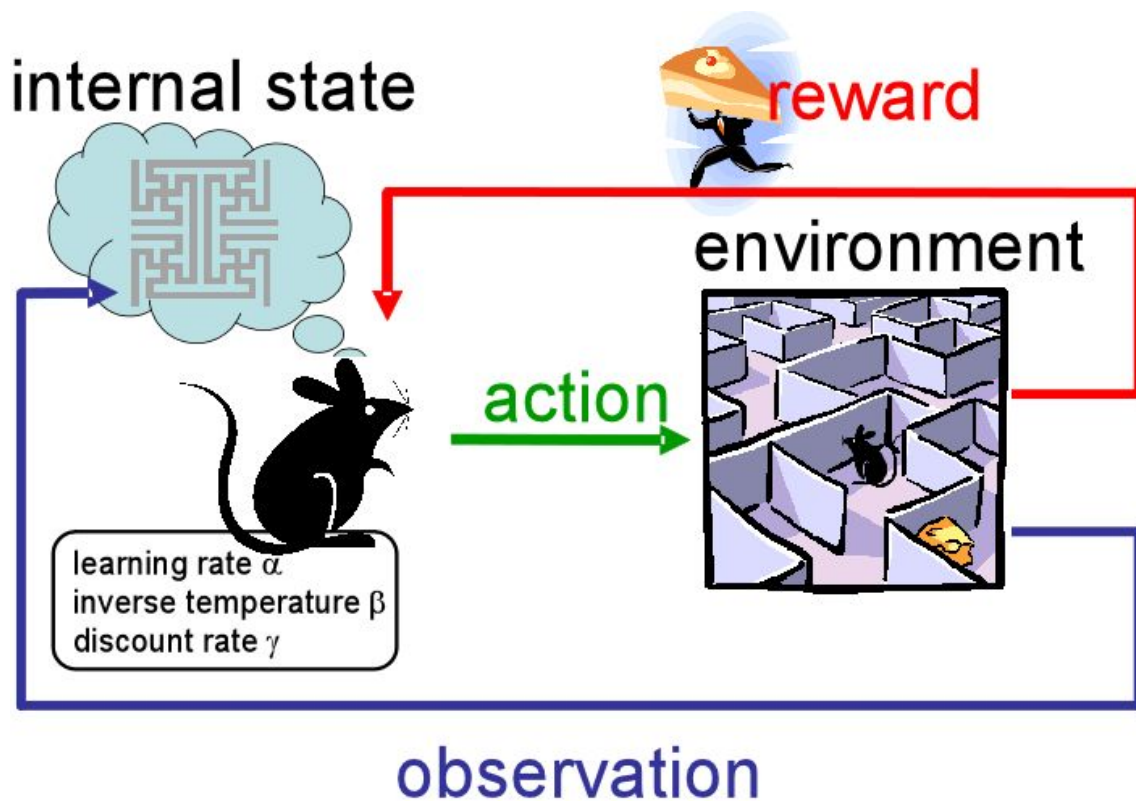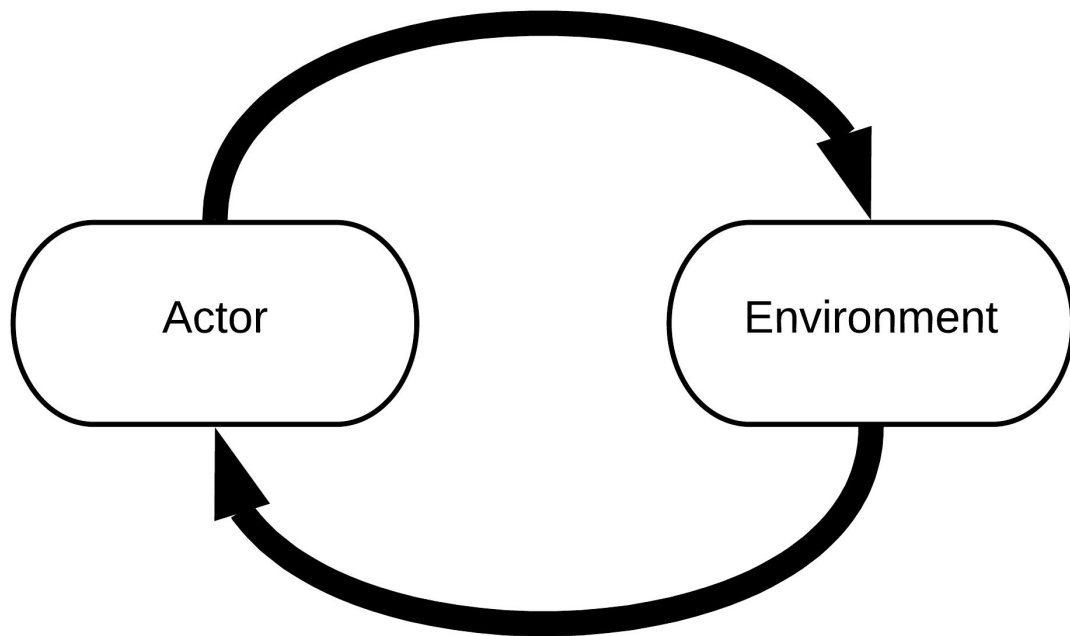
Reinforcement Learning
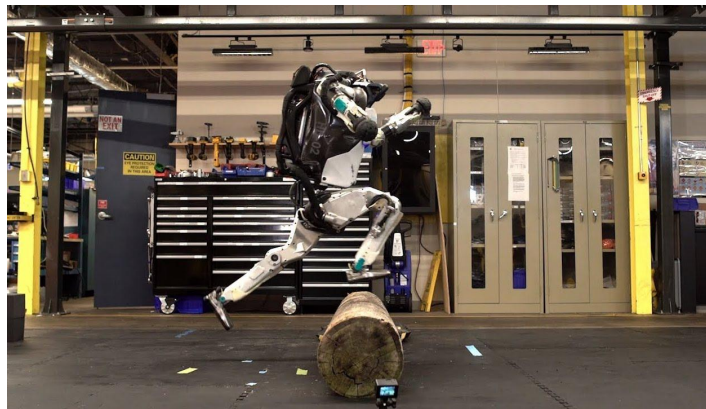
Reinforcement Learning

internal state

reward

environment

action

learning rate α
inverse temperature β
discount rate γ

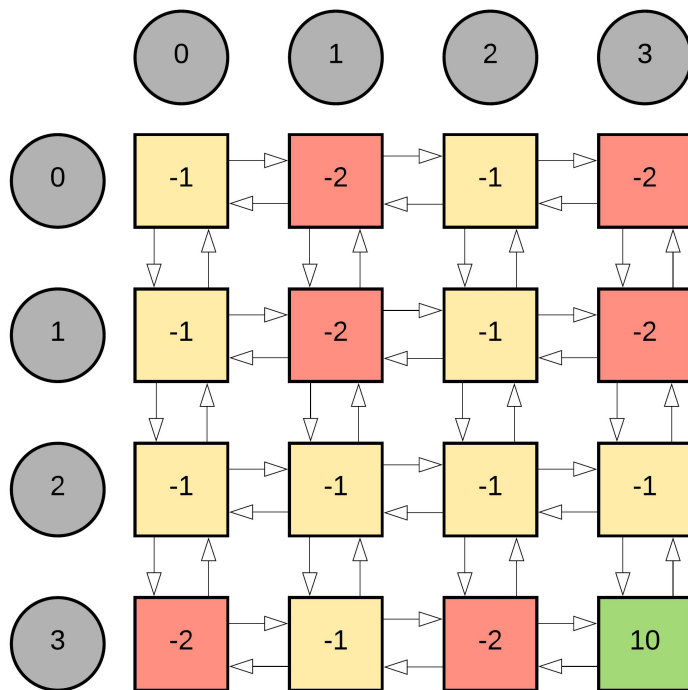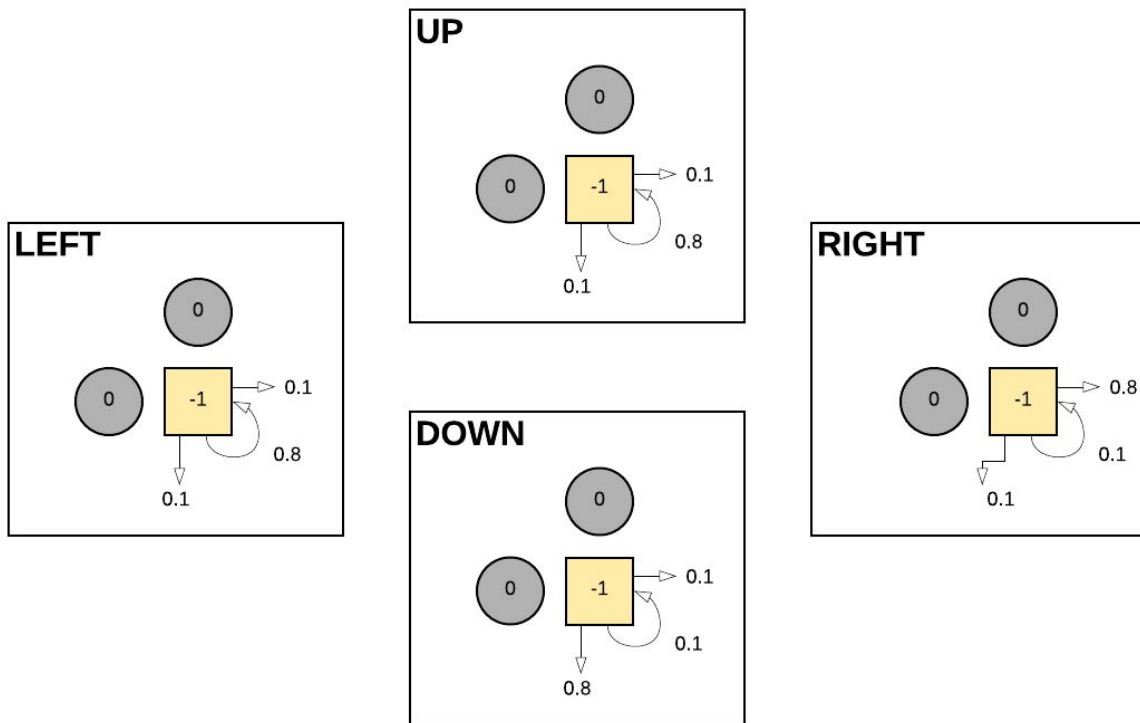observation

Actor and Environment

Today!

Markov Decision Processes

The environment

Environment transitions and actions

Lets Code!