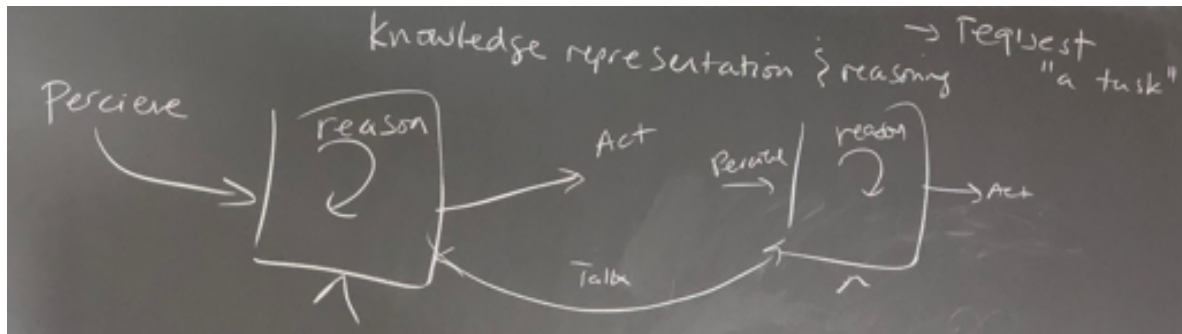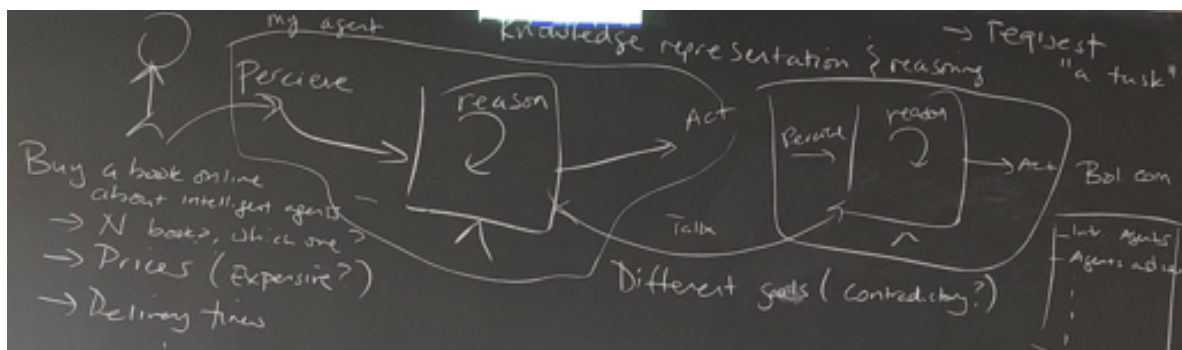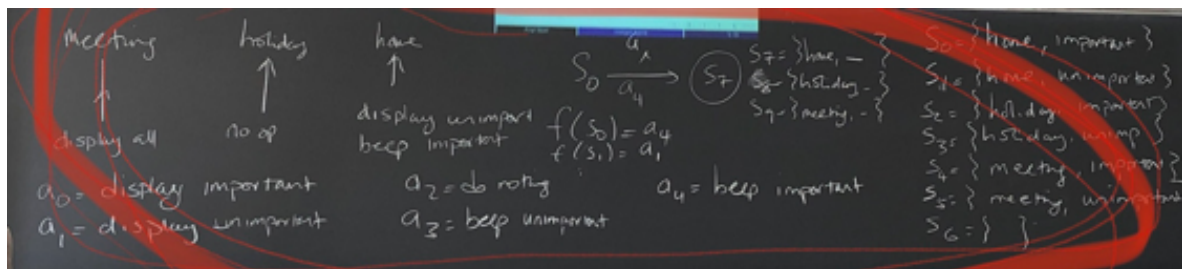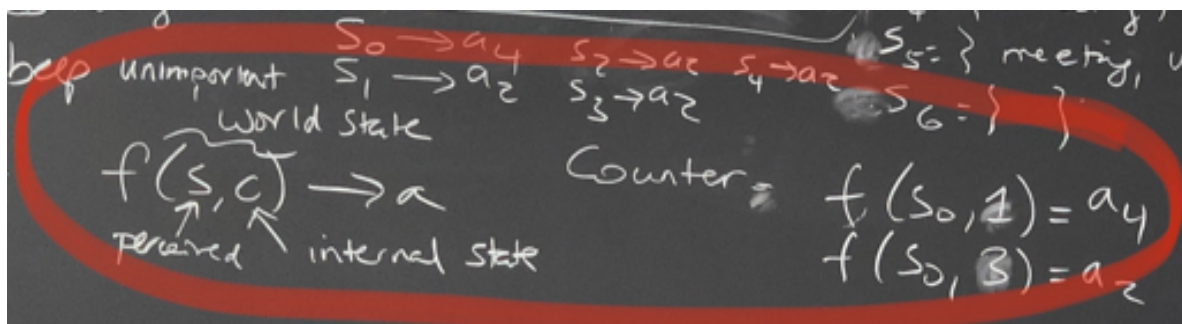# L1 What is an agent?

Why are we using agents?

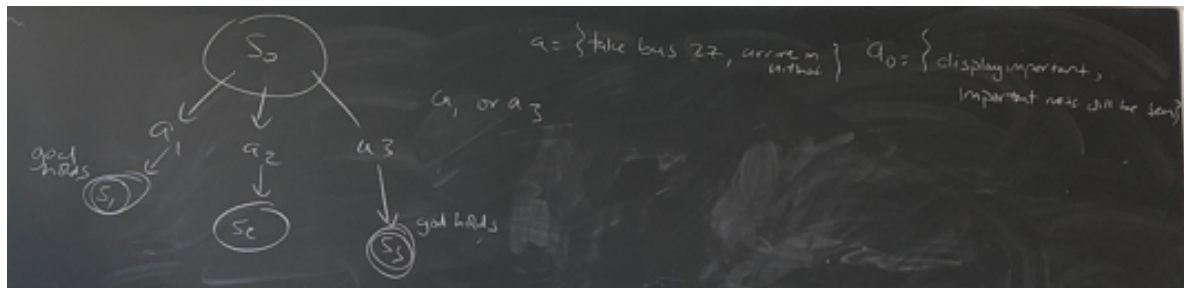Example - Email checker design

*performance metric needed to evaluate the agent's success (i.e ratio)
**introduce counter on actions (except a2) to allow only 3 notifications etc
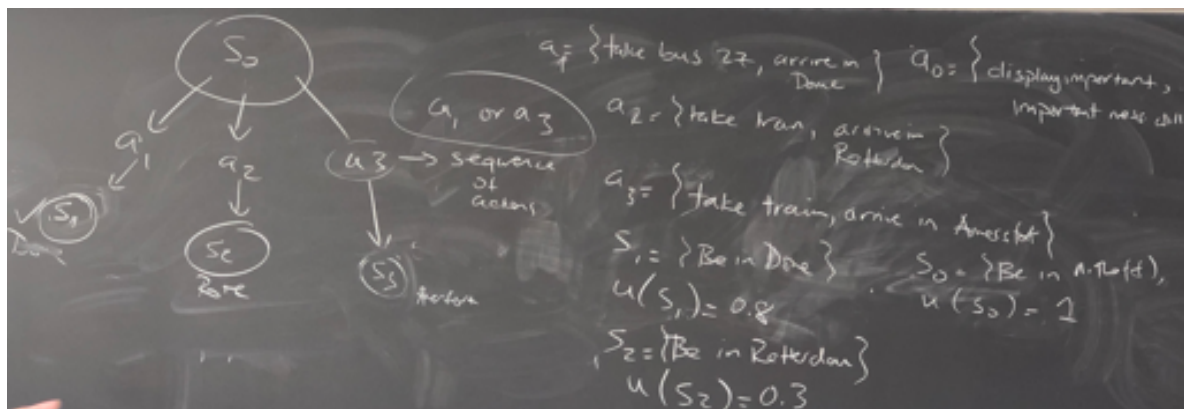

Goal-based agents

*actions have an effect attached

Utility-based agent

*there is an utility/happiness value for every state

BDI agents i. Intricate versions of goal-based agents)

_____

L1-2

Knowledge base
Forward Chaining
Backward Chaining
Resolution

Sound (algorithm/procedure/etc...)
Complete (algorithm/procedure/etc...)