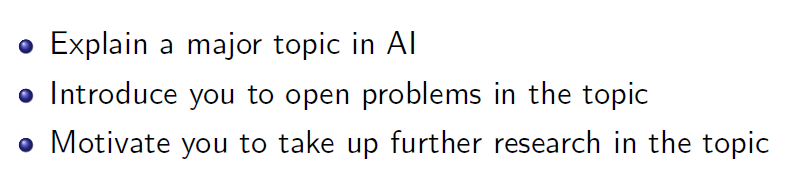
# Objective



Not including COMS30035 EMATM0053

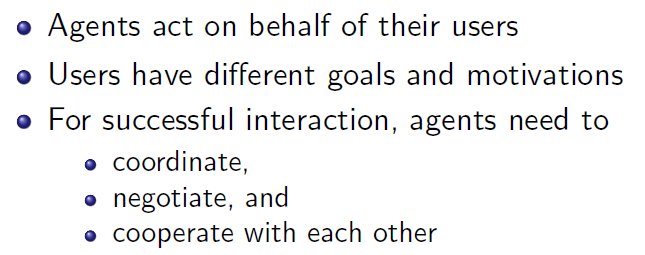
# Terms

Agent

An agent is autonomous

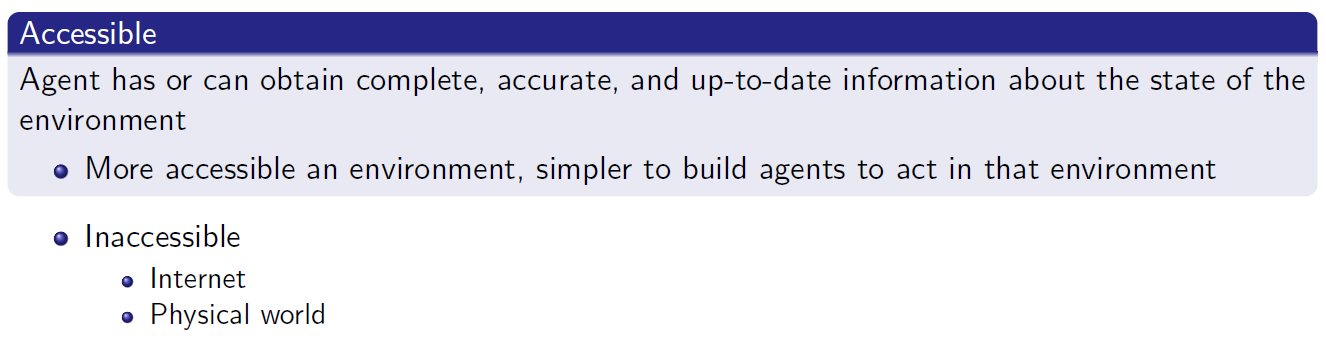
capable of deciding for itself and performing independent actions

Agents

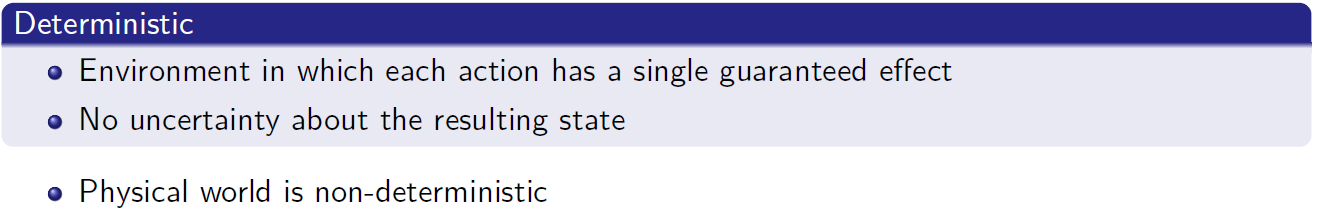


Environment

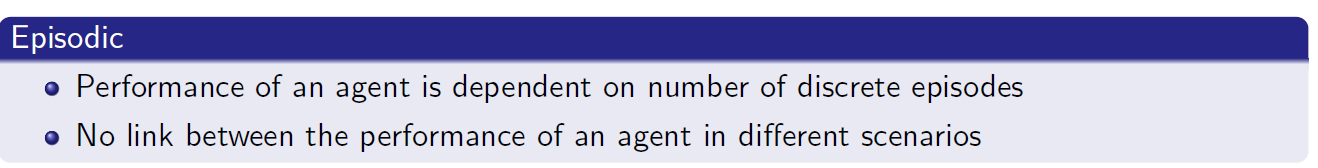
**Accessible vs Inaccessible**



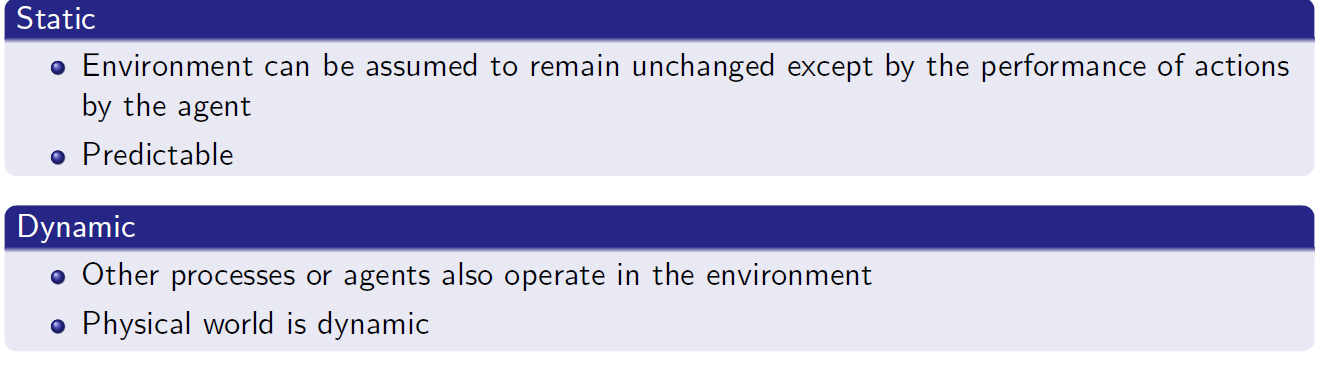
**Deterministic vs Non-Deterministic**



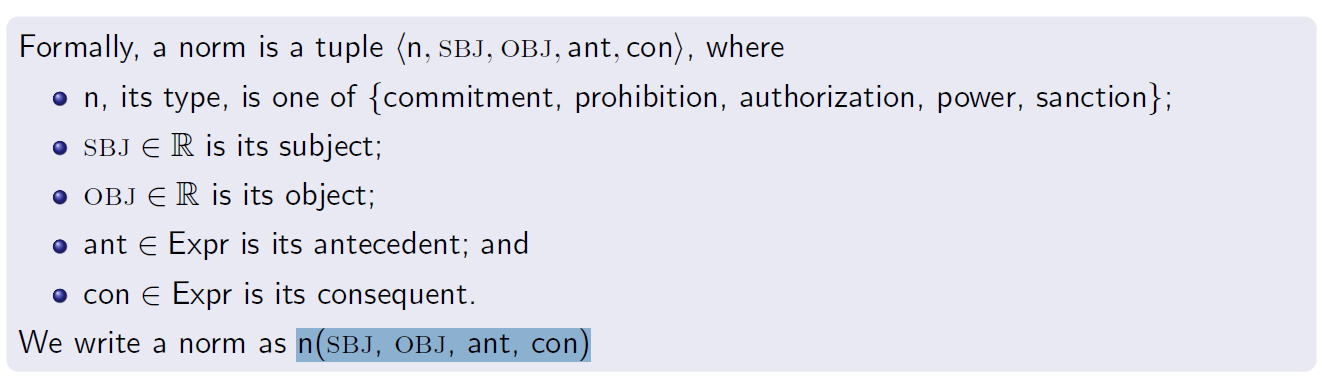
**Episodic vs Non-Episodic**



**Static vs Dynamic**



n(sbj, obj, ant, con)



Types of Social Norms

**commitment, prohibition, authorization, power, sanction**

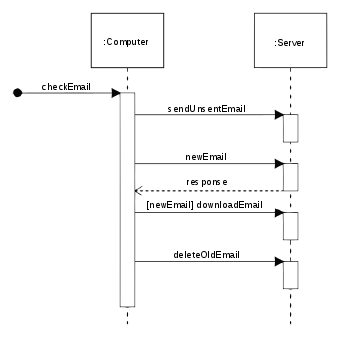
承诺、禁止、授权、权力、制裁

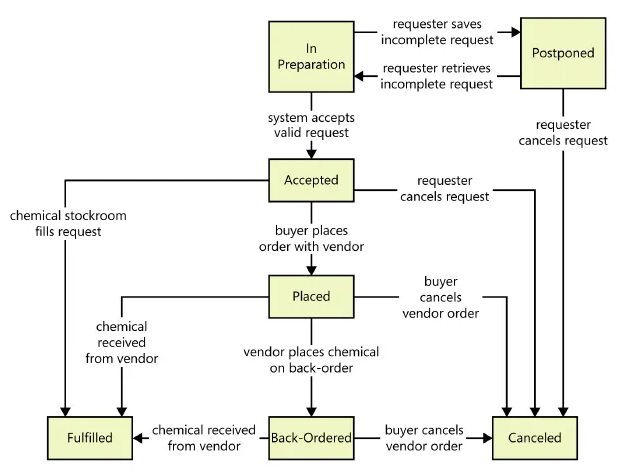
Speech Acts

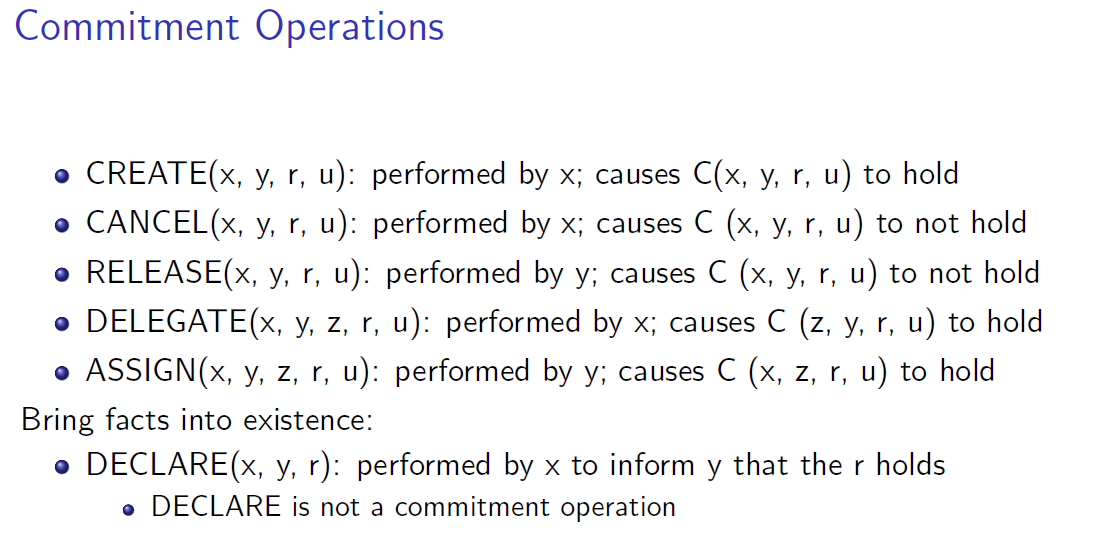
**Informative Directive Commissive**

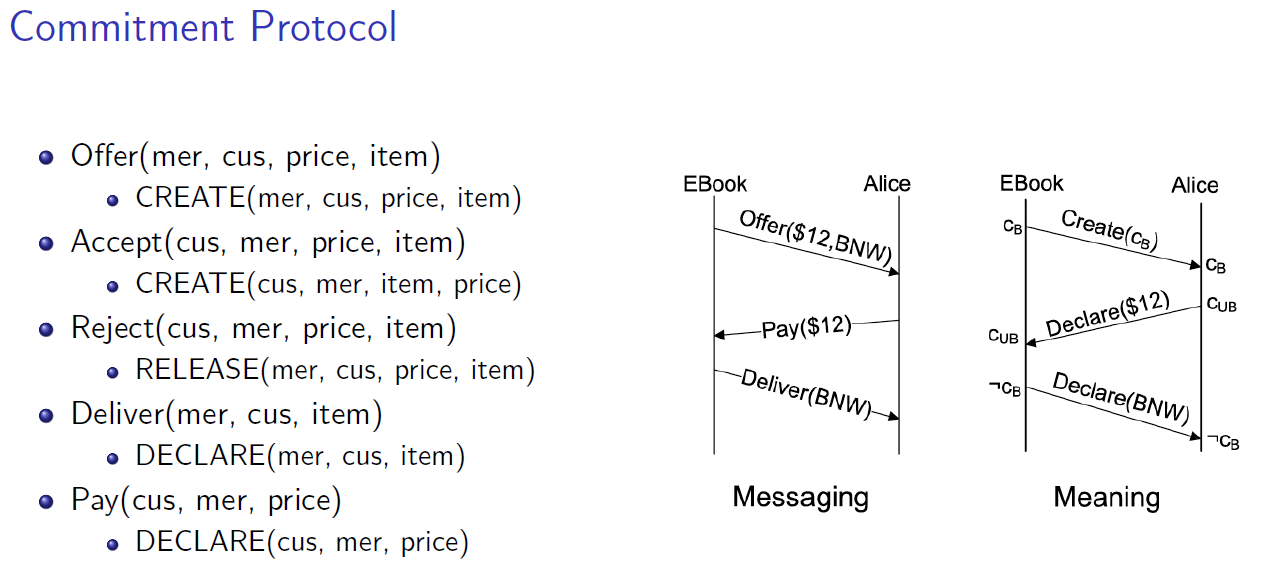
Sequence Diagrams

State Transition Diagrams









# Lab

Mesa Library – Python

# Simulation Framework

SUMO

https://www.eclipse.org/sumo/