* Artificial intelligence
* Turing test
  + Test to empirically determine whether a computer has achieved intelligence
  + Weak equivalence
  + Strong equivalence
  + Chatbots
  + Leobner prize
* Semantic network
* An inheritance relationship indicates one object is a more specific version of another object.
  + The **has a** relationship represents composition
    - Eye color
    - Sail boats
  + **Instantiation** is the relationship between an actual object and something that describes it.
* Network design
* Search tree
  + Depth first
  + Breadth first
    - Usually gives best results
* Expert systems
  + Knowledge-based systems
  + Expert system
    - Rule based system
    - Inference engine