

Project (10% grade)

- Design a knowledge base containing information of a hierarchy that can answer questions about the classes and objects belonging to the hierarchy
 - Select a domain of your interests that is normally represented using a hierarchy (an example of domain in this category: Hierarchy of birds/animals)
 - Specify your knowledge about the domain in English
 - Represent your knowledge about the domain using the frame representation
 - Translate your representation into a logic program
 - Make sure that your program can answer questions regarding the classes and properties of the objects belonging to the domain

Requirements for Grading

- Domain selection: commonsense (not an imaginative domain)
- Knowledge about the domain: adequately complex (first year college knowledge)
- Specification: commonsense correct
- Representation: according to the specification
- Translation: correct
- Programs: correct