CS3510: Artificial Intelligence

List Exercises

1. Give the Prolog definition for the predicate `first(Element, List)`, where `Element` is the first element in `List`.
2. Define a Prolog program for the predicate `second(Element, List)`, where `Element` is the second element in `List`.
3. Give the Prolog definition for the predicate `last(Element, List)`, where `Element` is the last element in `List`.
4. Define a Prolog program for the predicate `del(Element, List1, List2)`, which removes *every* ocurrence of `Element` in `List1` yielding `List2` as a result.