1. Lists must have at least one item.
2. Lists can have tuples in them
3. This is a good way to think of lists:

4. All elements in a list must have the same type.
5. Tuples can have lists in them.
6. This is a good way to think of lists:


## [tl([5, 12, 6])@[8, 9]]

## hd([12, 5, 6])::[2, 7]

## $[[(2.3,5),(8.1,6)],[]]$

## ([1, 12, 81], ["a", "bc"])

