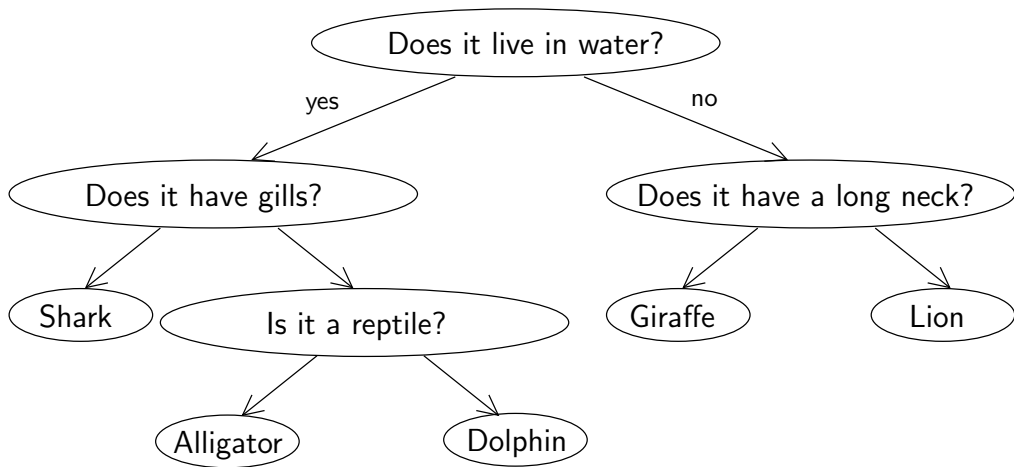


Chapter 7 outline:

- ▶ Recursively-defined sets (last week Monday)
- ▶ Trees (**Today**)
- ▶ Structural induction (Wednesday)
- ▶ Mathematical induction (Friday)
- ▶ Loops (next week Monday)
- ▶ Loop invariants (next week Wednesday)

Today: Recursively defined sets and types

- ▶ Animals example
- ▶ Trees as recursively-defined sets
- ▶ Trees as recursively-defined types
- ▶ Finishing the methods
- ▶ Time permitting: Huffman encoding



For next time:

Do Ex 7.2.(1–10)

Read Section 7.4

(No quiz)