

Zoo - Task

Phase 1

In our zoo, we have lots of animals. We would like to present some key-facts about each individual of them.

Each individual should provide its name (might be specific like Simba or Rafiki, or a general one, say, Tiger-3), its species, its life expectancy, the continent(s) where it is naturally found, the types of food it eats and its speed.

In addition -

- All the mammals also provide the duration of the pregnancy and the number of young born in each litter.
- All the fish and sea-creatures also provide the lowest depth they can reach.
- All the birds also provide the typical height they can reach and their wing-span.

Each of them should support output to ostream. The output includes all the relevant attributes of the animal, each in a separate line.

You should create the Zoo with the following individuals:

- Simba - a lion
- Mufasa - a lion
- Rafiki - a monkey
- Akka - a goose
- Morten - a goose
- Hedwig - a snowy owl
- Toto - a dog
- Jaws - a shark

- Nemo - a clownfish

Hold all the animals in a vector, and provide a function that goes over all of them and prints their attributes.