L09.1

install Load Listener on window → ●

load
handleLoad → ●

handleLoad

● → declare animals in variables → create new div, inner HTML = Day 1 → append new div on parent output → food stats ☐ → animal 1~5. sing() ☐ → animal 1-5 eat() ☐ → ●

food stats

● → create new div, inner HTML = amount of every food source → append new div on parent foodstats → ●

eat

● → create new div → get parent element output → ◇ check matching animal type → (not matching) → subtract the animal eating amount from matching food supply append new div on parent → ●

sing

● → create new div → get parent element output → ◇ this.species == duck ?
- (no) → div inner HTML = song lyrics with different names, amounts etc. → ●
- (yes) → div inner HTML = song lyrics with different names, amounts etc. add first line of lyrics at end of output → ●

UML Klassendiagramm LO9.1

```
┌─────────────────────────────────────┐
│               Animal                 │
├─────────────────────────────────────┤
│ name : string                       │
│ species : string                    │
│ food    : string                    │
│ amount : number                     │
│ sound : string                      │
│ sounds: string                      │
├─────────────────────────────────────┤
│ sing() : void                       │
│ eat() : void                        │
│ constructor (_name : string ...)    │
└─────────────────────────────────────┘
```