

Functional Programming	WS 2023/2024	LVA 703025
Live Exercises 8		Wednesday, December 6, 2023

## **Exercise 1** Foldr

In this exercise, you will redefine the following recursive functions using foldr.

```
member y [] = False
member y (x : xs) = x == y || member y xs

distinct [] = True
distinct (x : xs) = not (member x xs) && distinct xs
```

- 1. Rewrite member in one line using foldr
- 2. Rewrite distinct in one line using foldr