## **Basic containers in PL**

# JavaScript

- 1- Arrays
- 2- Objects
- 3- Maps
- 4- Sets

## • Python

- 1- Sets
- 2- Lists
- 3- Tuples
- 4- Dictionaries

#### • Go

- 1- Arrays
- 2- Slices
- 3- Maps
- 4- Structs

#### Java

- 1- Arrays
- 2- ArrayLists

- 3- Maps
- 4- Sets

## Kotlin

- 1- Arrays
- 2- Lists
- 3- Maps
- 4- Sets

### • PHP

- 1- Arrays
- 2- Lists
- 3- Maps
- 4- Sets

#### • C#

- 1- Arrays
- 2- Lists
- 3- Dictionaries
- 4- Sets

## • Swift

- 1- Arrays
- 2- Arrays with mutable capacity

- 3- Dictionaries
- 4- Sets

### • R

- 1- Vectors
- 2- Lists
- 3- Matrices
- 4- Data Frames

# • Ruby

- 1- Arrays
- 2- Hashes
- 3- Sets
- 4- Range

#### • C++

- 1- Arrays
- 2- Vectors
- 3- Lists
- 4- Sets
- 5- Maps

## MatLab

1- Arrays

- 2- Cell Arrays
- 3- Structures
- 4- Tables
- 5- Maps

## • TypeScript

- 1- Arrays
- 2- Tuples
- 3- Maps
- 4- Sets
- 5- Objects

### Scala

- 1- Arrays
- 2- Lists
- 3- Sets
- 4- Maps
- 5- Tuples

#### • Rust

- 1- Arrays
- 2- Vectors
- 3- Slices
- 4- Hash Maps
- 5- Tuples

# • Perl

- 1- Arrays
- 2- Lists
- 3- Hashes
- 4- Scalars