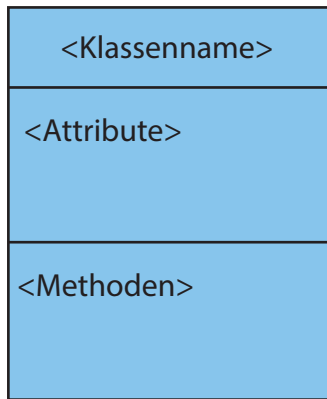
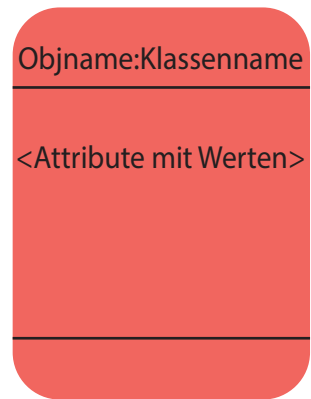
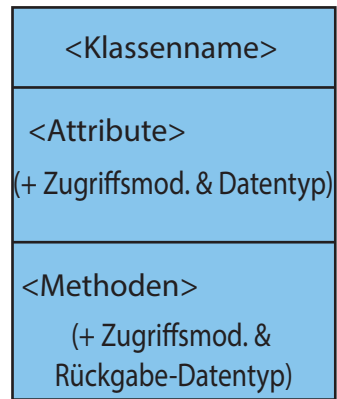


# Informatik Diagramme

Klassenkarte:

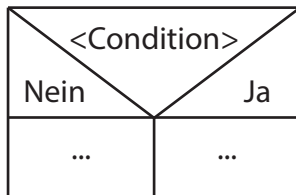


Erweiterte:

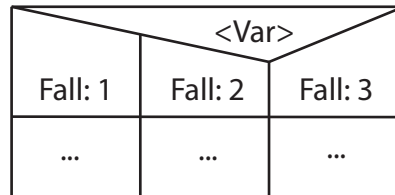


Struktogramme:

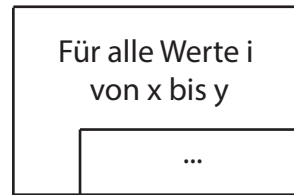
If:



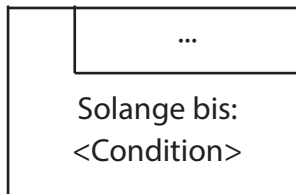
Switch:



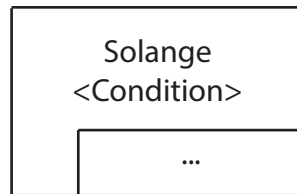
For-Loop



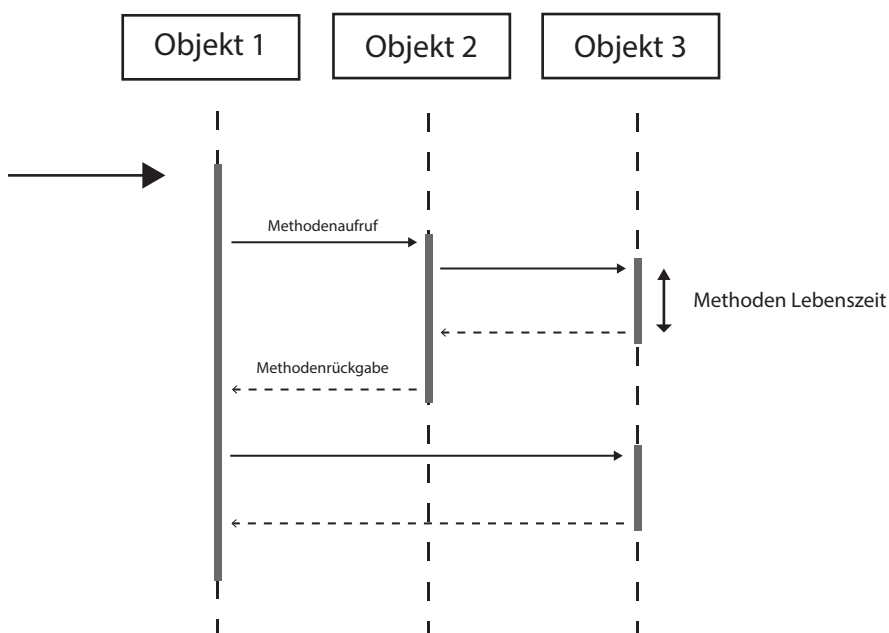
Do-While:



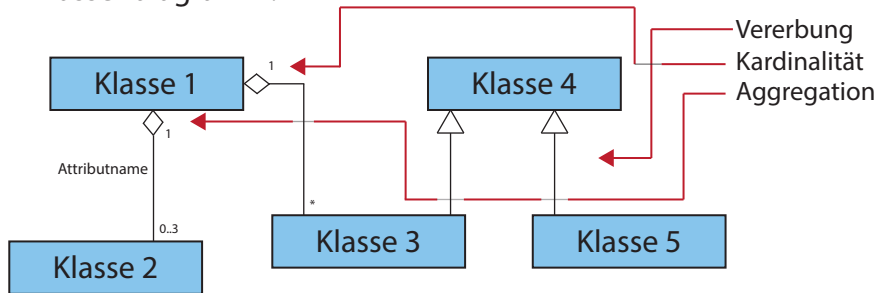
While-Loop



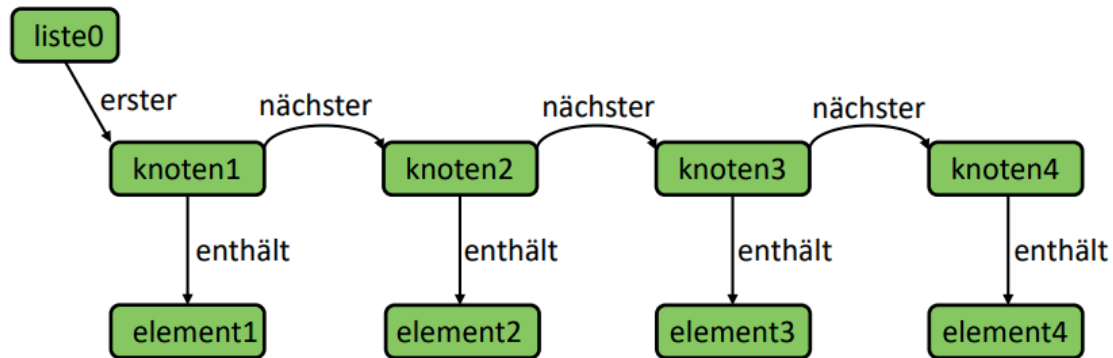
Sequenzdiagramm:



## Klassendiagramm:



## Objektdiagramm: (am bsp Liste)



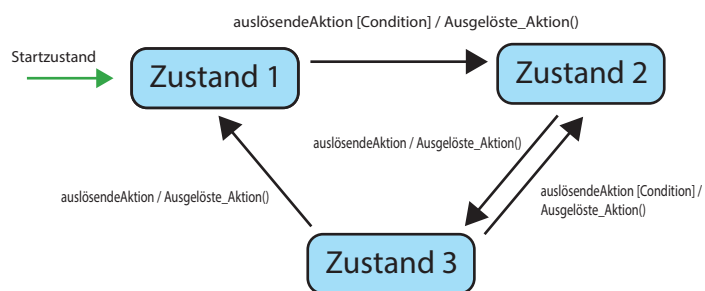
## Rekursionsvorschrift:

$$\text{fib}(n) = \begin{cases} \text{fib}(n-1) + \text{fib}(n-2) & (n > 1) \\ 1 & (n == 1) \\ 0 & (n == 0) \end{cases}$$

## Aufrufsequenz:

$$\begin{aligned} \text{fib}(4) &= \text{fib}(3) + \text{fib}(2) = \text{fib}(2) + \text{fib}(1) + \text{fib}(1) + \text{fib}(0) = \\ &= \text{fib}(1) + \text{fib}(0) + 1 + 1 + 0 = 1 + 1 + 1 = 3 \end{aligned}$$

## (Zustandsdiagramm:)



## (Datenflussdiagramm:)

