

# L04: Data Structure / Shopping List

Interface:

```
{ Eingabefeld : String  
  Amount : number  
  Comment : String  
  Checkbox : boolean  
  Date : String }
```

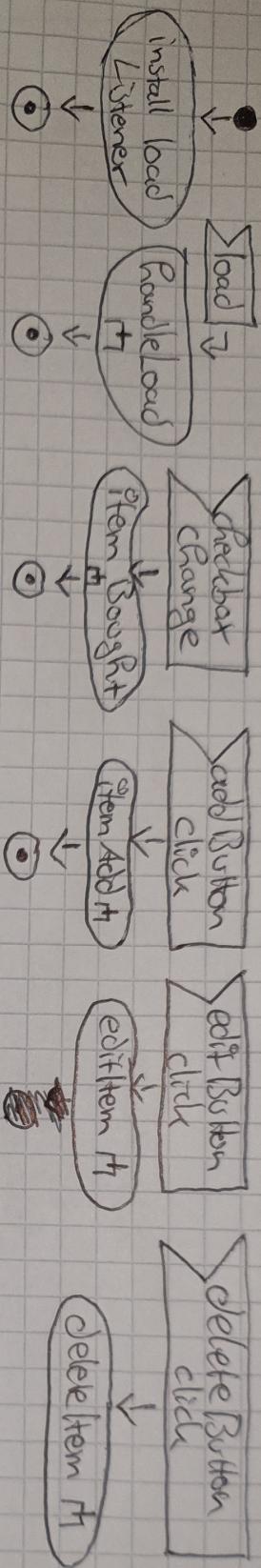
data

checkbox: boolean	Item: String	amount: number	comment: String	date: String
false	Brot	1	Bewerbrot	27.11.22
	:	:		:

addItem

Shopping List 05.11.2022

Activity Diagramm L01



HandleLoad

Install local Listener  
on "button #add"

Find "input #bought"  
install change - Listener



item Add

Item Data = get  
Data from Form()

Let  
↓  
Item Number:  
number = 0

↓  
Item Number, ++

push (item Data, addItem)  
(item Data, amount, item Data,  
Comment) to data [Item Number]

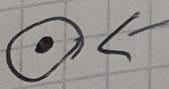
Find "div #Item Add" and  
appendChild (data, [Item Number])  
give button edit id = edit [Item Number]  
give button delete id = delete [Item Number]  
give checkbox bought id = bought [Item Number]

↓

addEvent - listener "change" to "bought" -  
[Item Number] and EventListener "click"  
to edit [Item Number] and delete [Item Number]



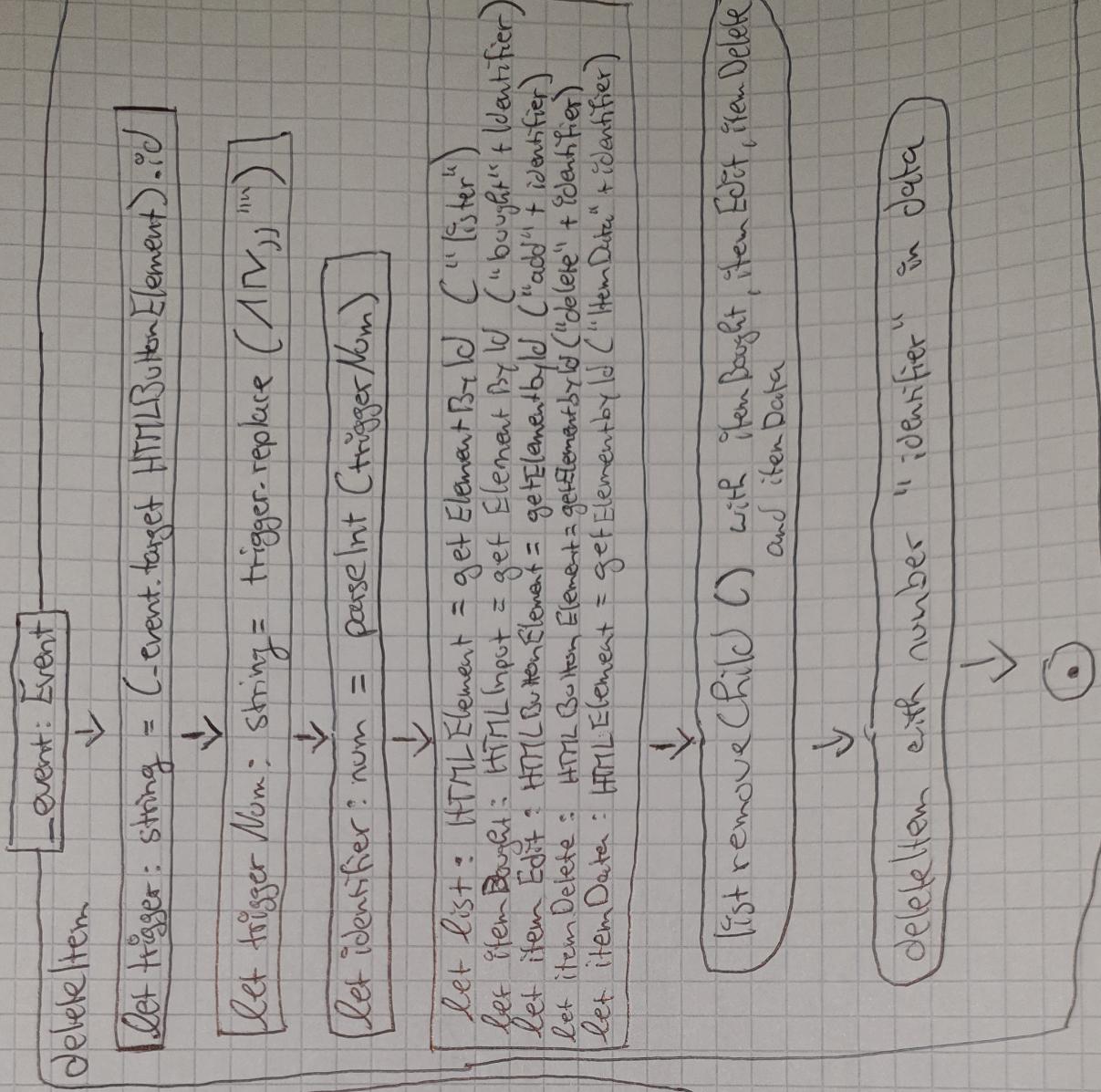
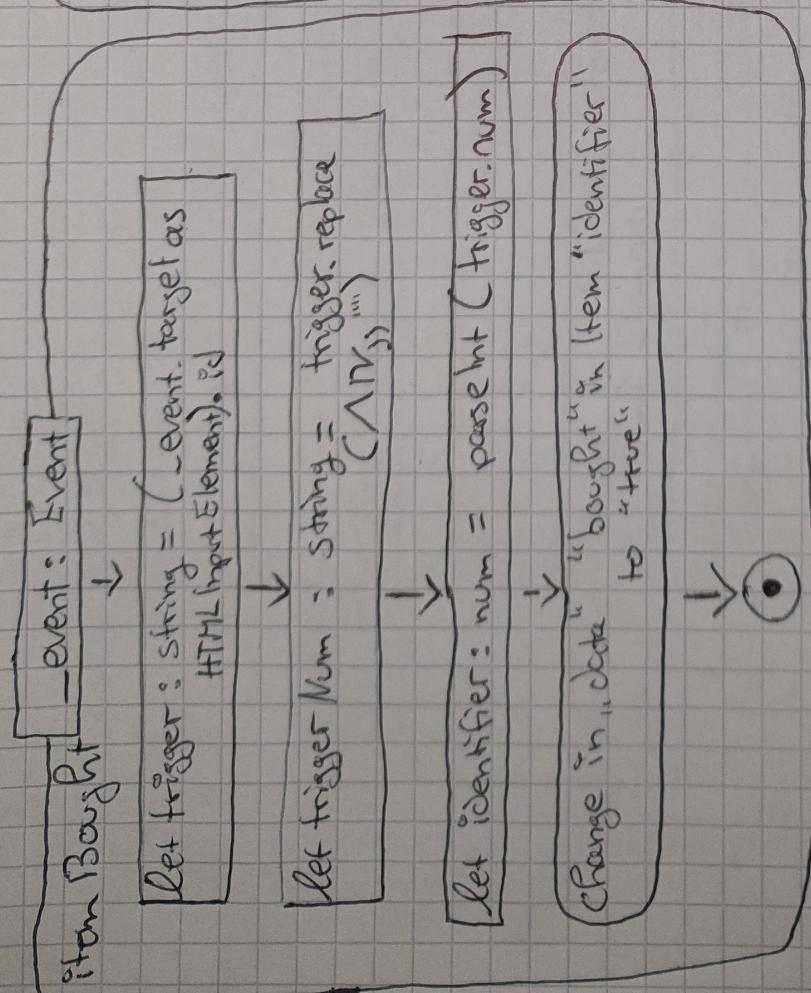
push (date, bought) to data



Shopping List Oct. 11. 2022

Activity Diagramm L014

Item Bought, delete Item



## Activity Diagram

Shopping List (edit item)

