

4) How JS works

Arrang

int string x

arrays \rightarrow objects \rightarrow {} = {}

fruits = {
 0: Apple
 1: Pear
 2: Orange
 3: Kiwi
}

fruits[2] → Pear
Kiwi

fruits[-1],
[-2]
[-3]
[-4]

fruits.at(-1)

function \rightarrow group of statements, which helps in performing some operation

Hand-drawn diagram illustrating a linked list structure. A box labeled `getready()` contains a list of items: `1 - b`, `2 - bra`, `3 - obla`, and `4 - obla`. An arrow points from the box to the text `getready()`.

JS → browsers → input → prompt alert
 → nodeJS → input → argv

$\begin{aligned} &+ \text{ } \cancel{0.5}, 3, 4 \rightarrow 7 \\ &\text{Sub } \cancel{0.5}, 3, 4 \rightarrow -1 \\ &* \text{ } \cancel{0.5}, 3, 4 \rightarrow 12 \\ &\cancel{0.5}, 3, 4 \rightarrow \underline{\underline{0.75}} \end{aligned}$

F	Σ	3
100		

$\left. \begin{array}{l} \text{Vase} \\ \text{Jelly} \end{array} \right\} = \text{fun}$

3

```
= function add( n1, n2 ) {  
    return n1 + n2;  
}
```

3

return: f 3