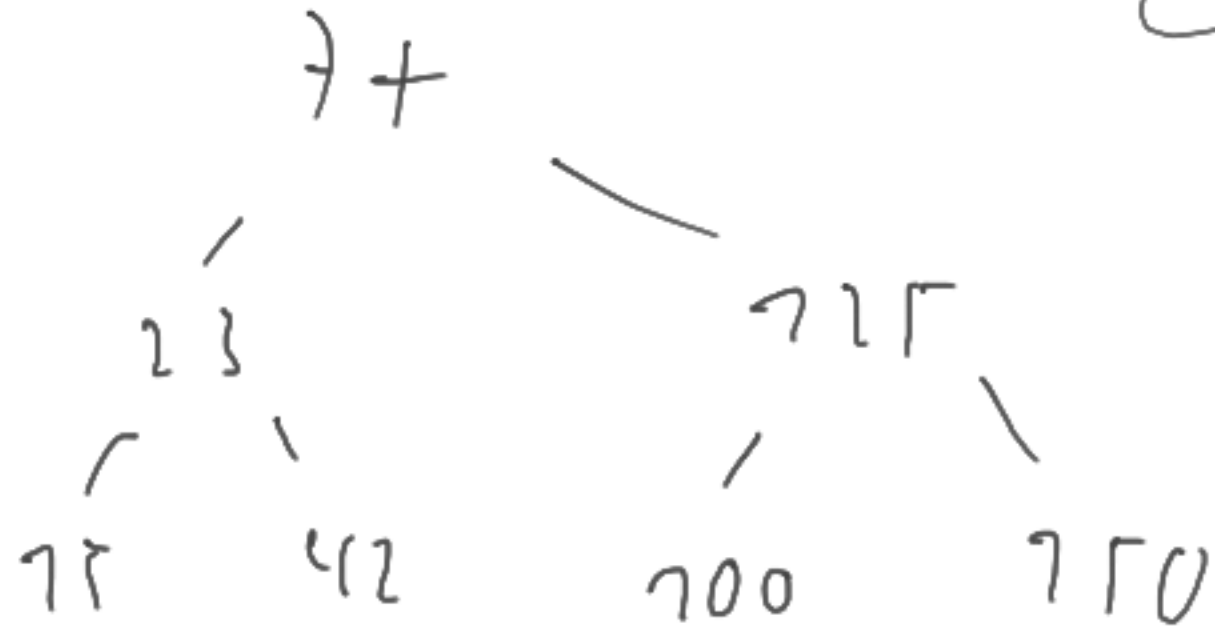
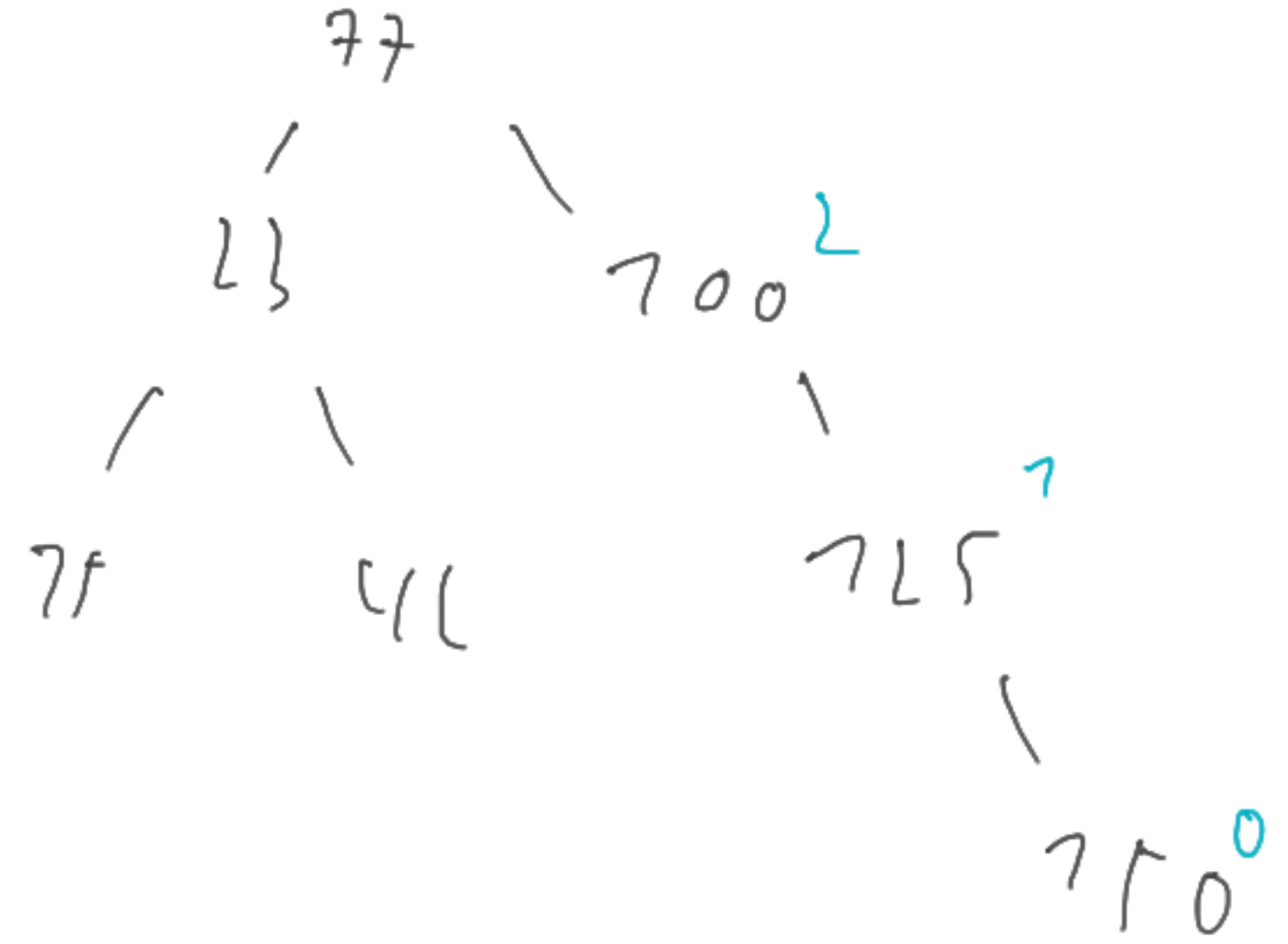
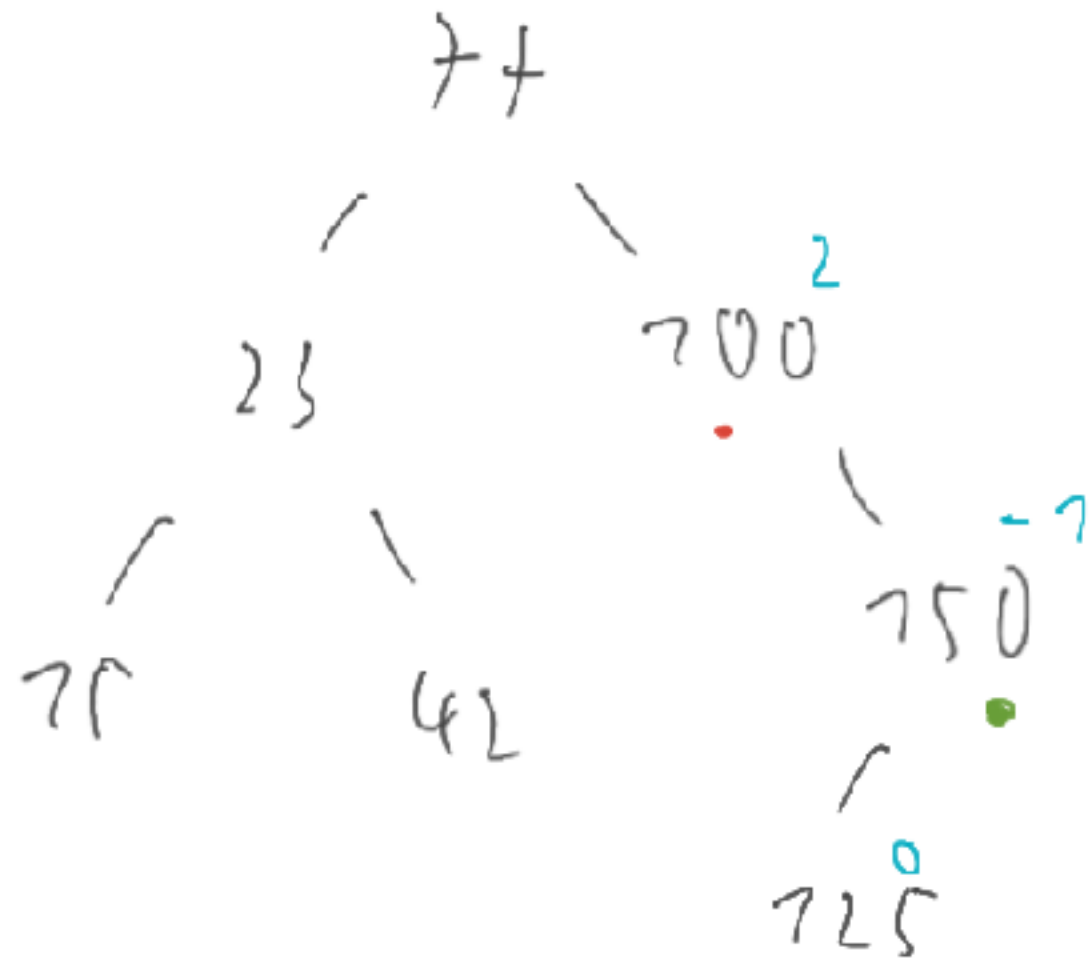


Einfache  
Linksrotation  
funktioniert  
nicht.



Rechts-Links-Rotation

(Doppelrotation)

Add(100)

42

\

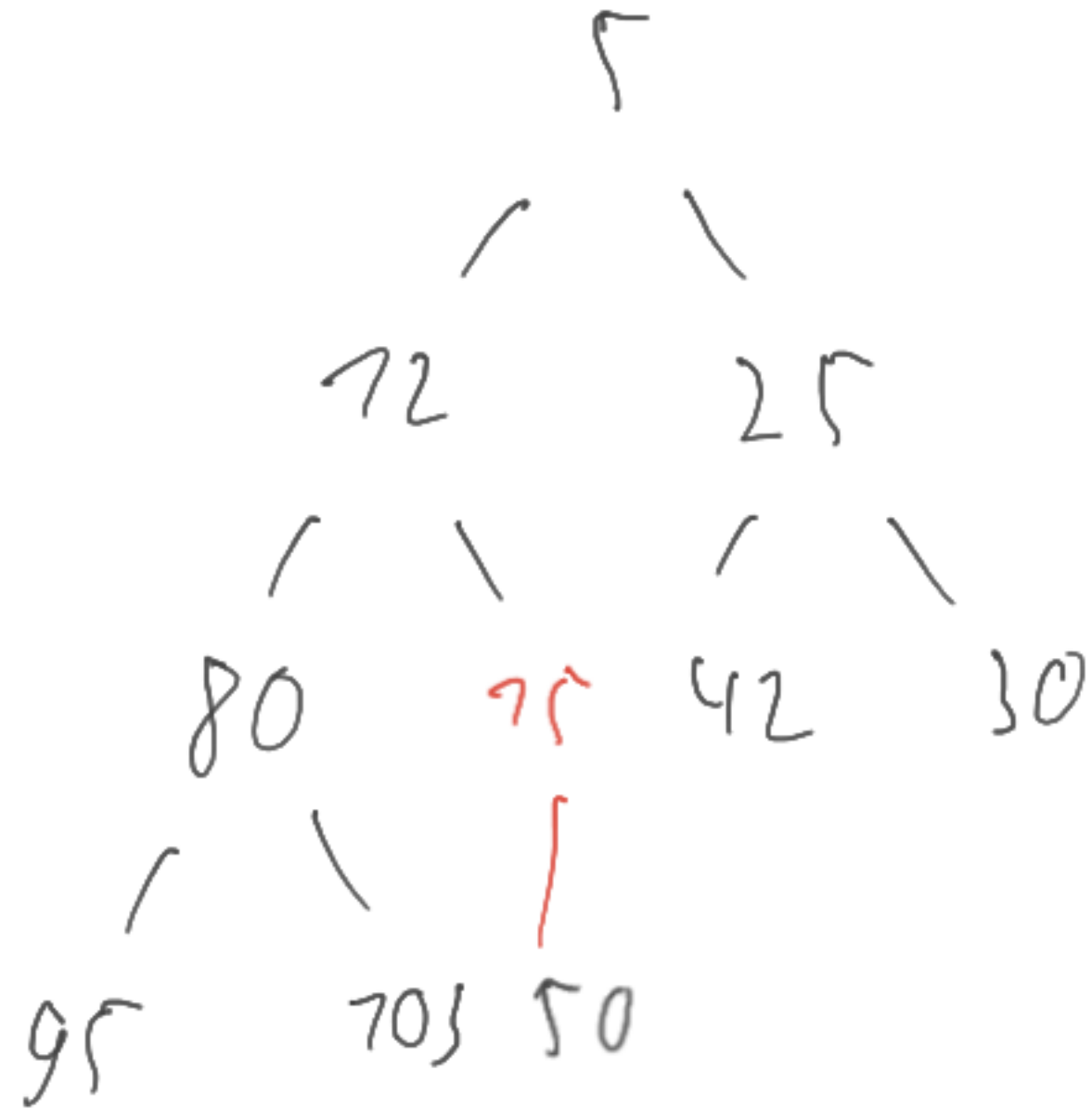
77

/

74

7  
2  
3  
4  
5  
6  
7

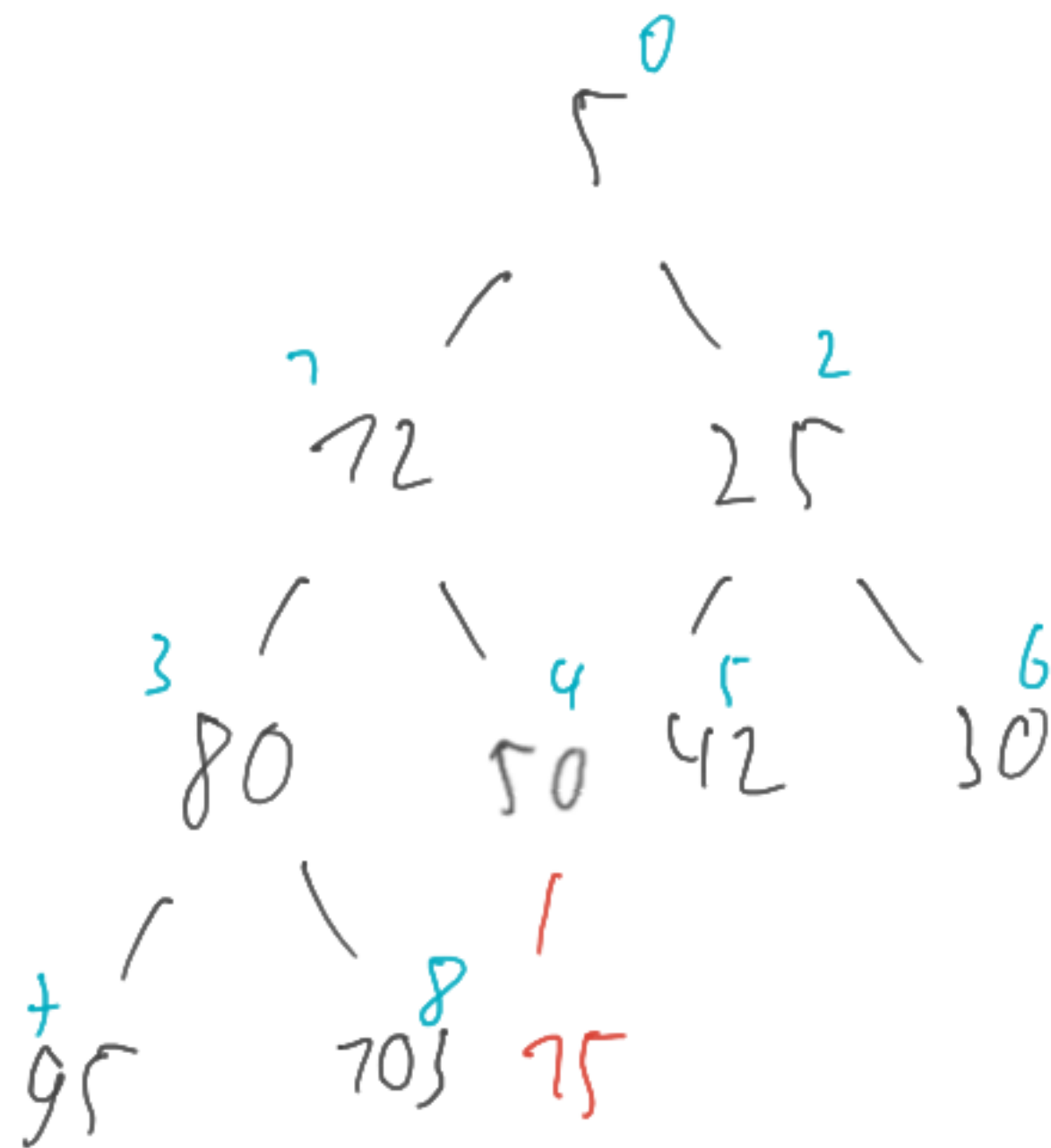
}  
2 5  
7 4 6  
7



**Vollständiger  
Binärbaum**

**Min-Heap**

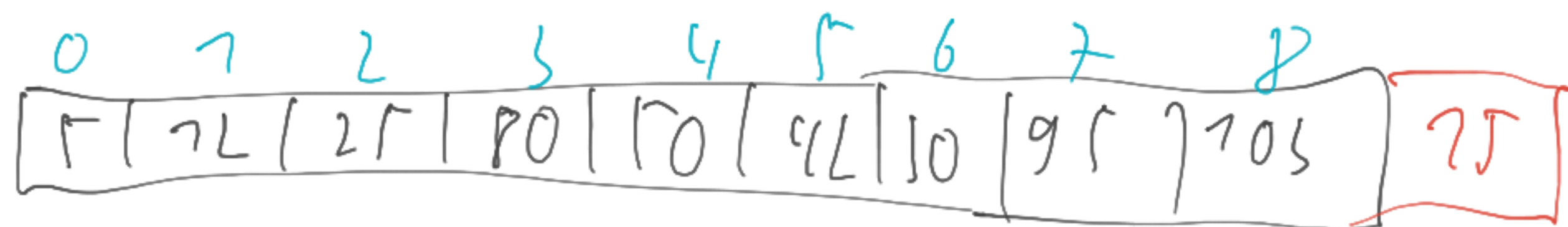


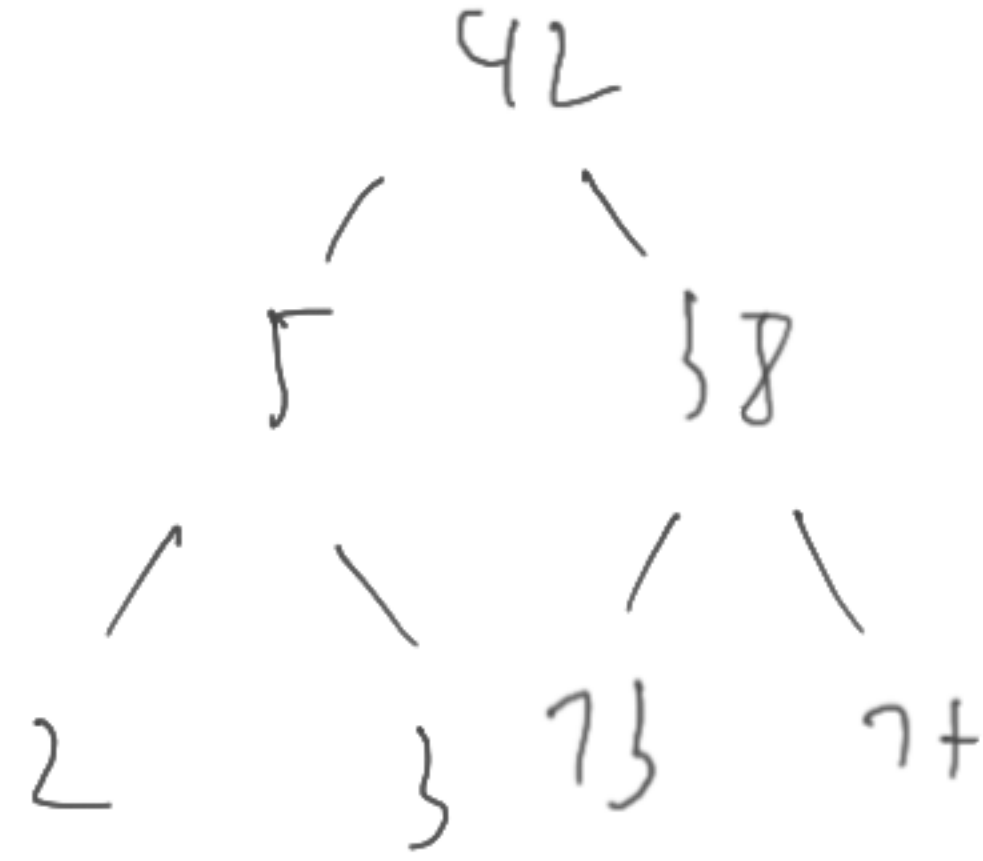


Element  $n$

Kinder:  $2n+1$   
 $2n+2$

Elter:  $\left\lfloor \frac{n-1}{2} \right\rfloor$





42 5 38 2 3 73 74 |

2

2 1 3 5 7 7+ 38 42

```
func foo() {
```

```
  :
```

```
  bar()
```

```
  :
```

```
}
```

```
func bar() {
```

```
  :
```

```
  foo bar()
```

```
  :
```

```
}
```

```
main() { ... }
```

```
main()
```

```
  x : 42
```

```
  s : "Hello"
```

---

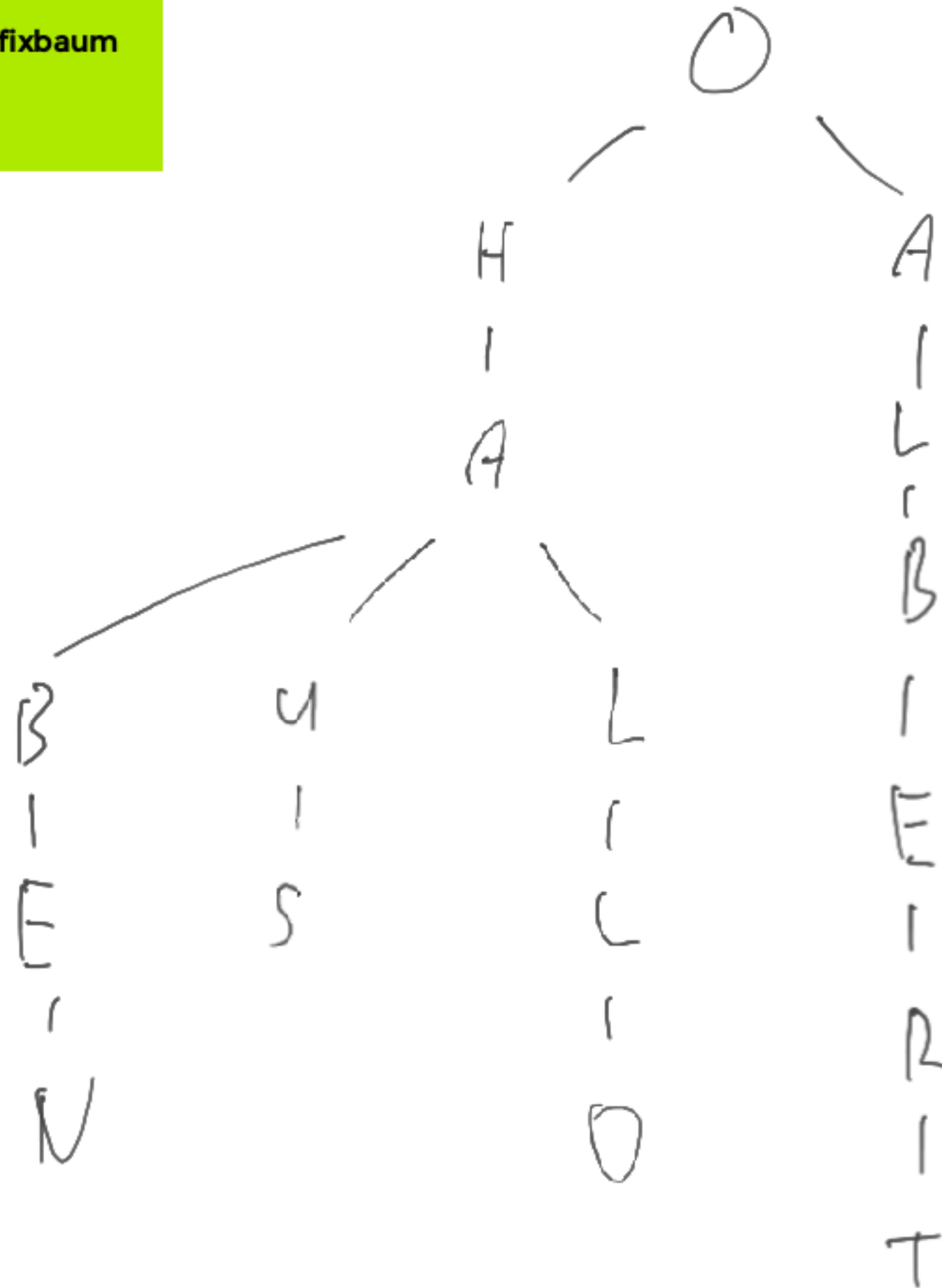
```
foo()
```

```
  x : 23
```

---

# Trie

## Präfixbaum



Element

key: string

children: map[string]\*Element

(Nur ein Buchstabe)

