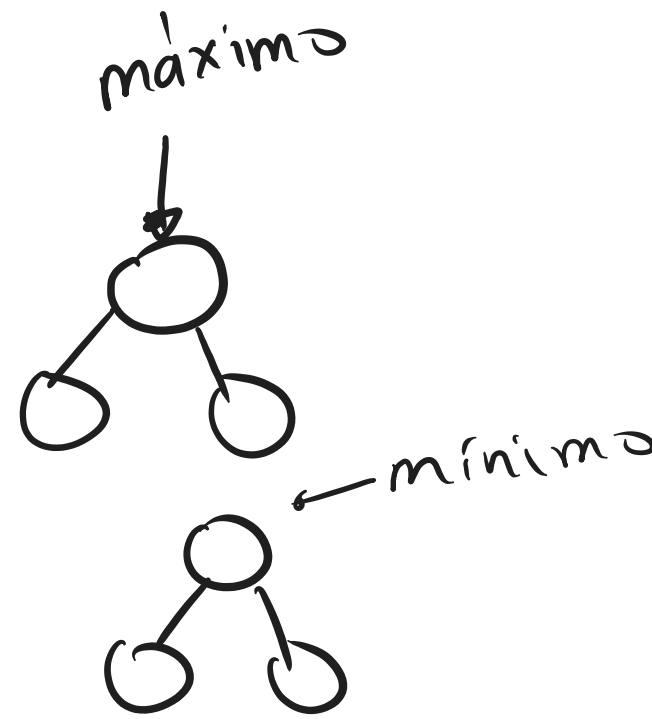


Priority Queue

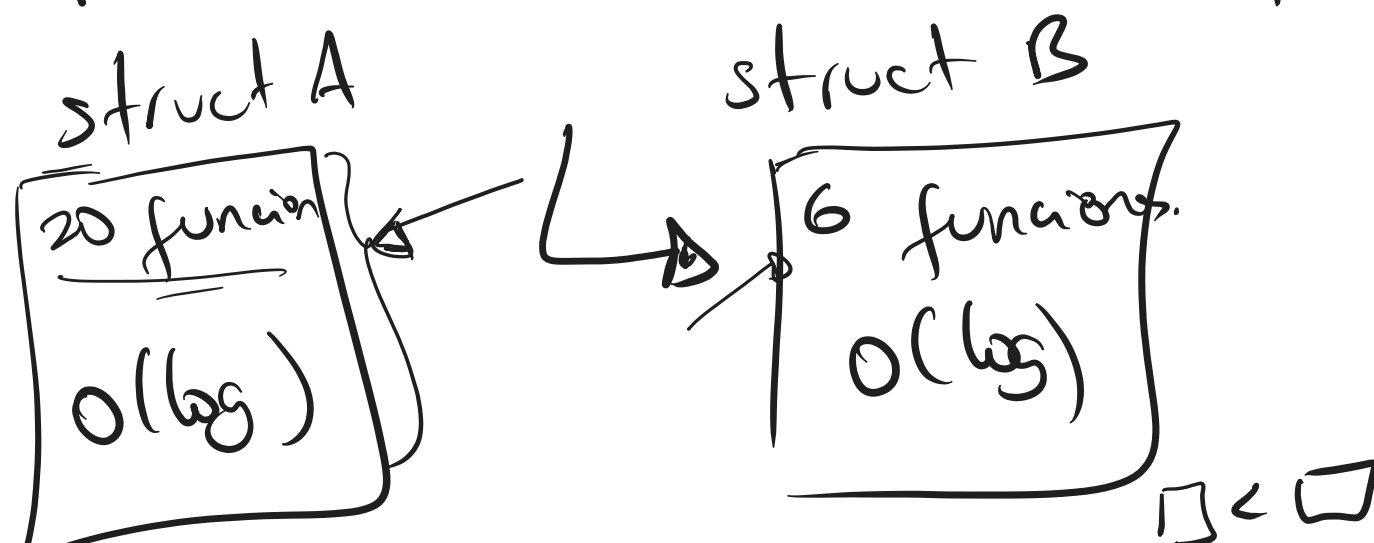
MAX-HEAP

MIN-HEAP

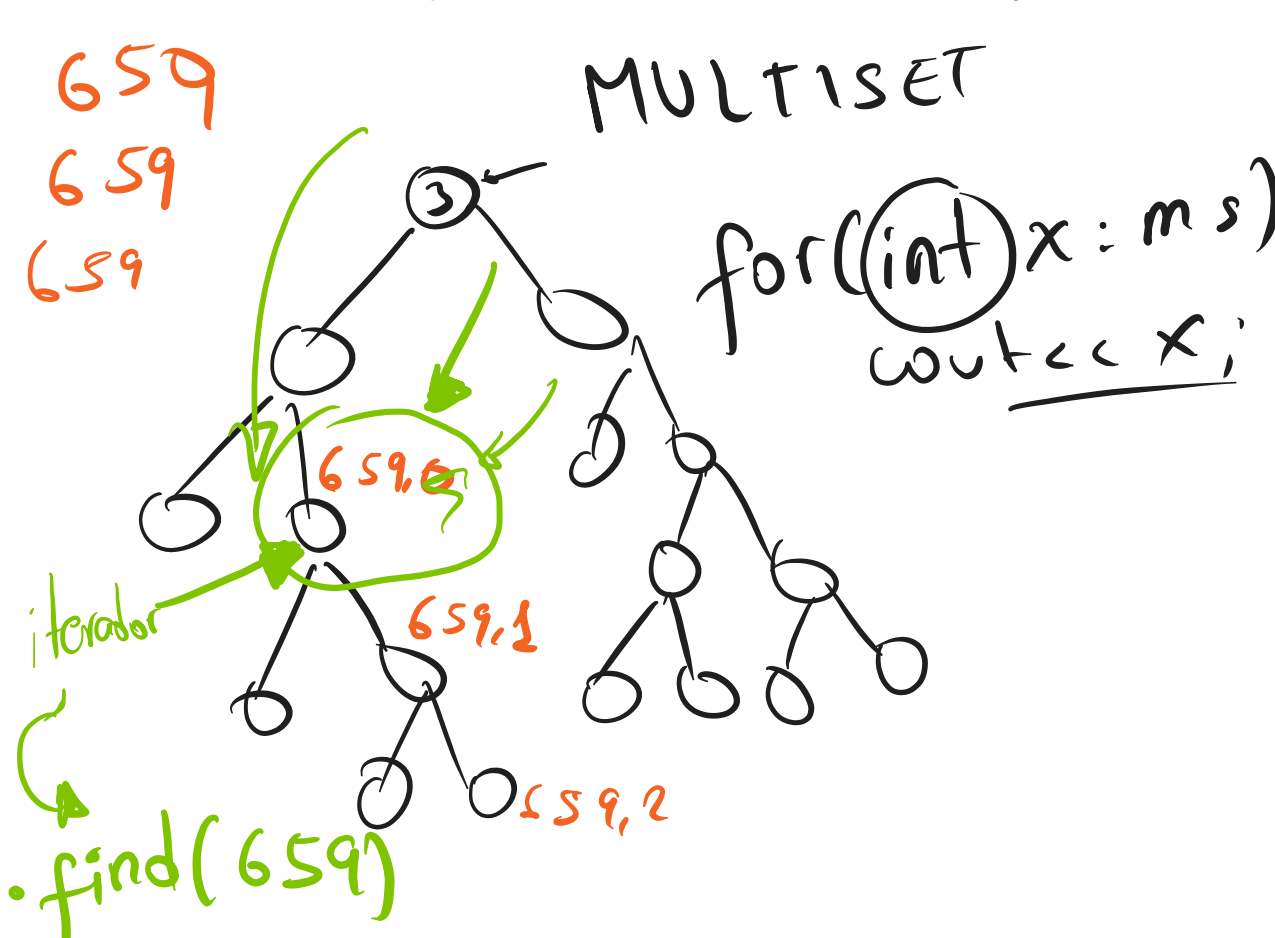
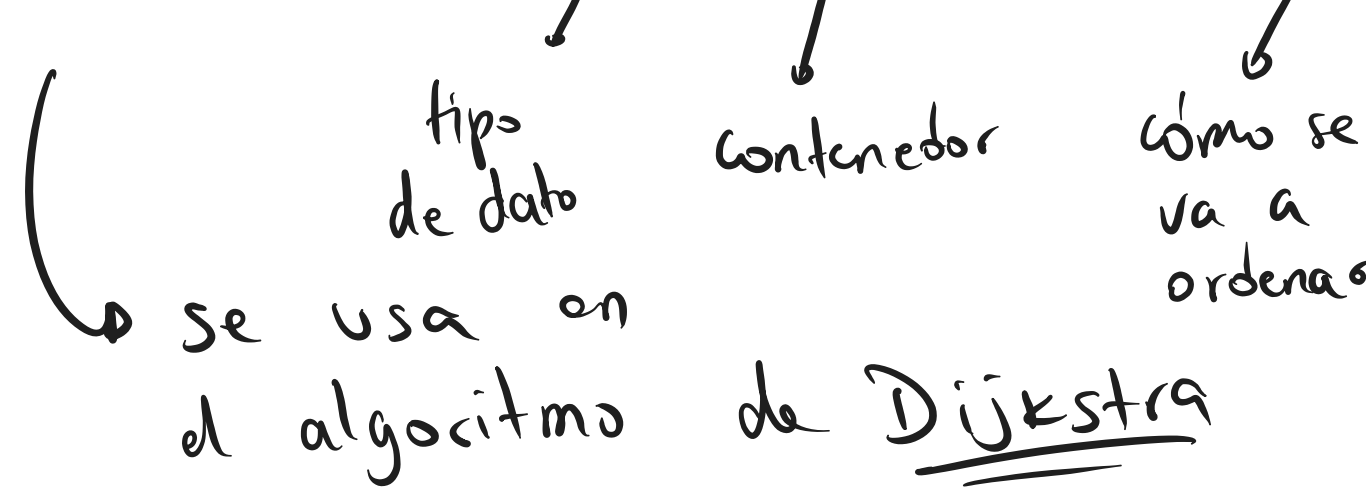


- push : Insertar un elemento
- top() : Acceder al elemento en la cima
- pop() : Eliminar el 11
- empty() : Saber si está vacío o no

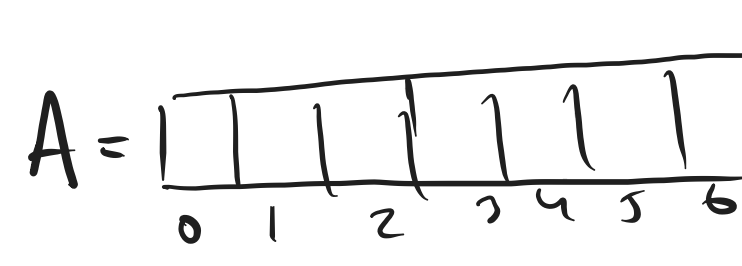
priority-queue : MAX-HEAP por defecto



priority-queue < T, vector< T>, com.< T> >



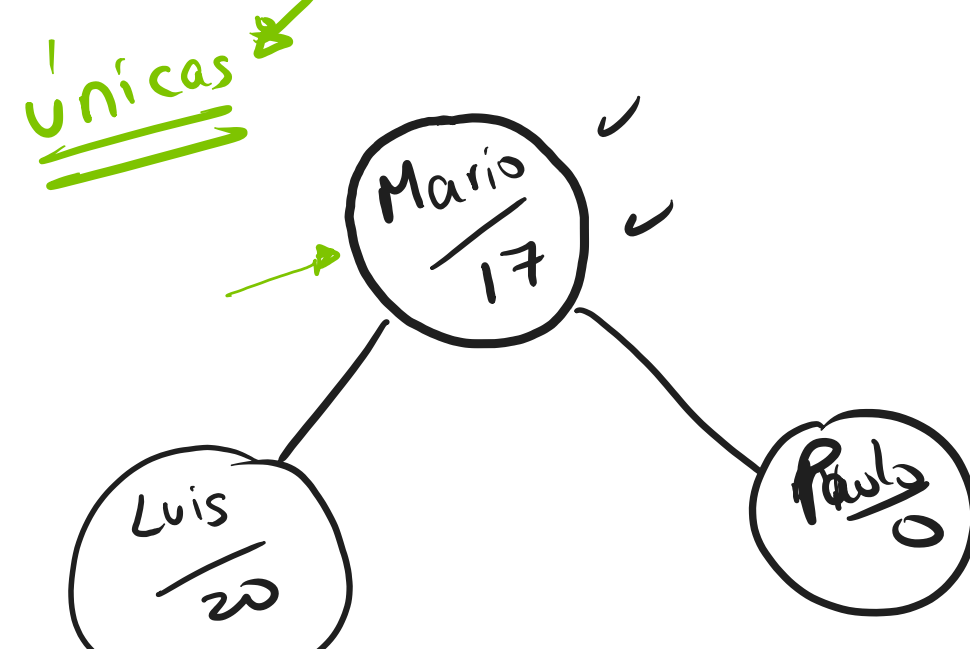
MAP



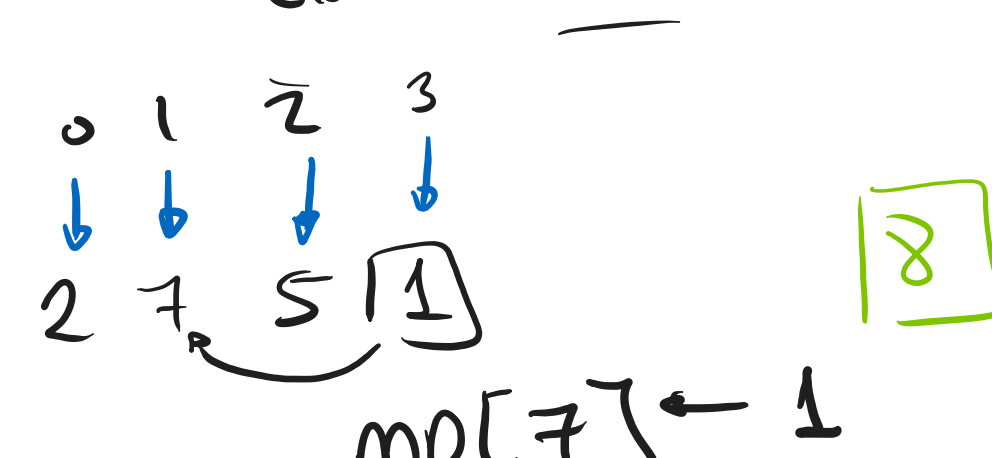
A[s] = —

A["Mario"] = 17
A["Luis"] = 20
A[10^0] = 11
A[987654321] = 9

map< clave, valor> mp;



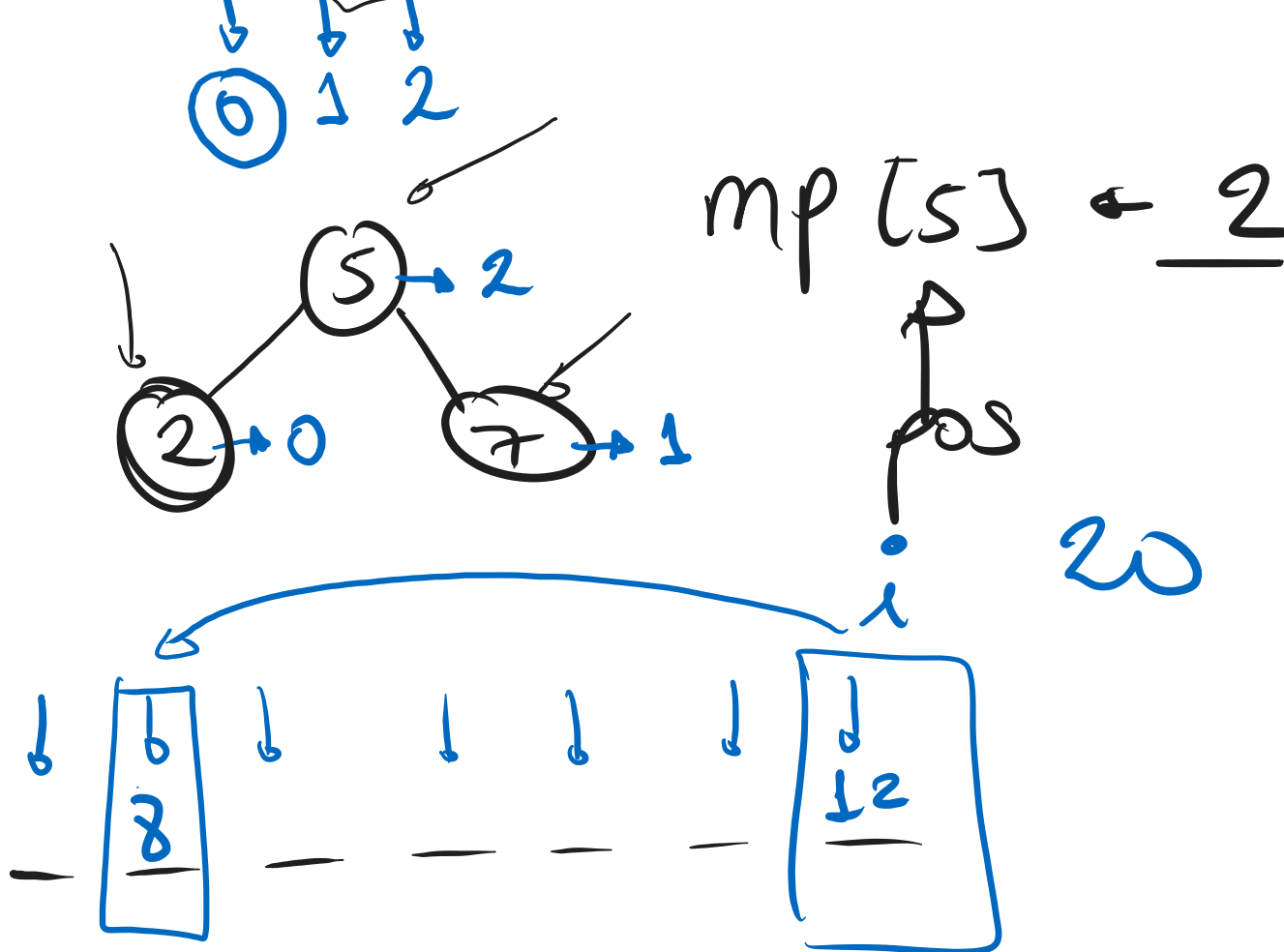
pair< T1, T2>



set

S = {}
S = {2}
S = {2, 7}
S = {2, 7, 5}

O(log N)



* Saber si un string ya existe o no. → set, map

* Saber cuántas veces se ha mostrado un mismo nombre

map

