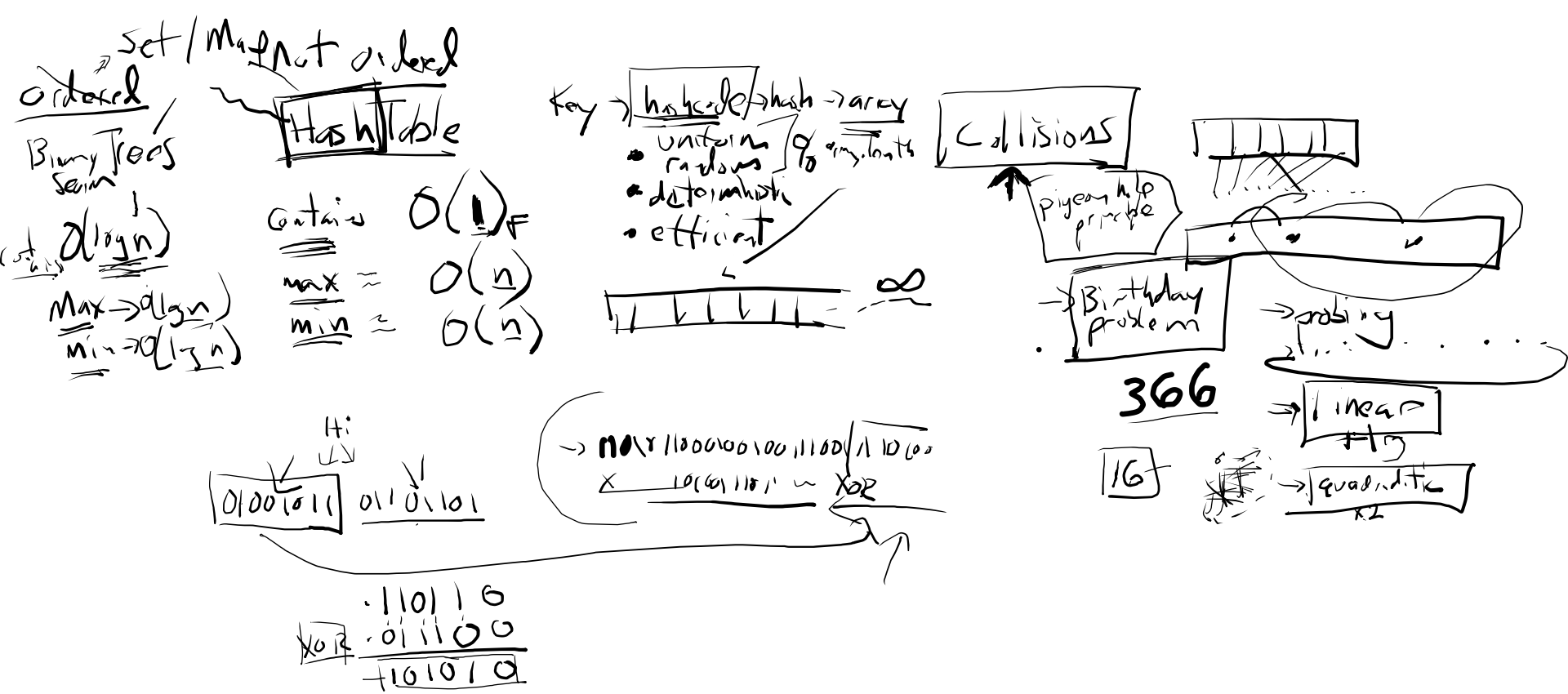
Set / Map not ordered
ordered
HashTable
Binary Trees
Search
O(log n)
Max → O(log n)
Min → O(log n)
Contains O(1)F
max ≈ O(n)
min ≈ O(n)
key → hashcode → hash → array
uniform
random
deterministic
efficient
∞
Collisions
pigeonhole principle
Birthday problem
366
probing
linear
quadratic
16
Hi
01001011
01101101
XOR
1101116
011100
110101