nums = 2, 3, 5, 9

$K = 2$

no adjacent houses

binary search on ans

output = 5

usually have k variable

F F F T T T

we want first
1

→ 6

2   5   ✓
3   ~~9~~ (9)   ✗

So 2 for loops to try at every index?

no one for loop is enough because once u find a small number ≤ mid it's enough to test it with that

2, 3, 10, 4

→ 6

2, 4 ✓

10, 3, 5, 2

−5

3, 2