in the first exercise we chose house_pos = -2, -1, 2, 3, 4, 5, 6 because since we start from 0, we will first go to -1 then -2
which make a higher waiting time for the houses than starting with 2

in this exercise, we chose to reduce as much as possible the distance traveled to reduce the waiting time, for that, at each loop,
we try two loops followed by a greedy algorithme to check if in the end going left or right after many iteration is better

nested for loops are considered to be O(n**k)
in my solution that is not perfect, i first enter a first loop, then from that loop i enter two other loop that mean that i have a complexity of n * 2n
aside from that i only hav basic calculation that are not taken into account for our question
thus we can say with certainty that our big o is polynomial-time