**Problem 7:**

🡪 These functions do not contain n, so they are basically constant so O (1)

, , 🡪 Highest power of n in these functions is n2 so they are in O(n2)

🡪 Highest power of n in this function is > n2 and < n3 so it is in O(n2logn)

🡪 highest power of n in these functions is n4 so they are in O(n4)

🡪 This is an exponential function, so it is in O ()