## Chapter 2 Algorithm Analysis

Bubble Sout last demant is In the vight place

com only be used for shall n!

Binary Search (input needs to be sorted) 27/30/4 5 6 7 [8] N=9 27/30/4 80 08 | 92/100 >)((og n) mid =  $\left|\frac{low + high}{2}\right| = \left|\frac{0+8}{2}\right| = 4$ find x=88 3/288/ + low = wid+/ mid = [ - 1 = [ 5+8] = 6 2 itaski 88 88 took V2 skps!!!