Irection Sort Design 3 Short deck from A[k], compare with A[k-1] either A[K] while place, Go next A[16] wrong place, A[k-1] moved up. ASKI compare with A[K-2]. insert\_sort (Stats, &A, n) & for i in range from I to n 1 = 1 temp = H[i] while i >0 and cmp (temp < A[j-1]) [1-1]A = [1]A ) -= 1 A [i] = temp

Shell sort Separates into Gaps, reduces until I. void shell sort (state, "A, n) { big-K = log (3+21) 109(3) (or (to act as generator) { Translate python code here. Hegp Sort Max Child Eurotion () fix heap function () build-heap function () teap-sort () plat hear parent node must be bigger or = than child

Quick Sort Owids into 2 sub army. by thousing a phot. elements < pivot left of pivot elements > pluot right of pivot. Translate code from python to C