Sorting a Sequence	
> Insertion Sort:	
- start w/ first element - it next element smaller than first, then swap	
- Consider 3d element, swap w/ flat 2 If necessary	
- continue until all in place	
Insertion Sort(A):	
-> Input: array A of n comparable elements	
-> Output: array A w/ elements rearranged in mondecreosing order	
for k from 1 to m-1	
Insert A[k] at proper location	
detinsertian_sort(A):	- 5
for kin range (1, len(A)): // 1 to n-1	
(un= A[k] // curr e) to insert	3
= k // find cognect index	-
white; > D and A[;-1] > cur: // A[;-1] must be offer cure	
A[;] = A[; -1]	14-1-1
; · =	
A[] = curr - // wrr in right place	
MultiDimensional Datasets	
-> lists, tuples, and strings in Python are 10	
-> 2D array = matrix, where i and; are used to refer to cells in the matri	rix
CX Mind > mother, Marie 1 Will are Mored to reach to cells (if the man	
- Conclusion to correct to the 20 list on some such all at almost	ict
-> Constructing: to properly init a 2D list, we ensure each all of primary liveters to an independent instance of a secondary list. data = [[0] * c for ; in range(r)]	31
vereis to an independent instance of a secondary (15).	
data = [LUS " c for j in range (r)]	1