HOW TO SORT A LIST OF NUMBERS

Start a = [4,5,2,3] Create another list, which is empty b = [] Find minimal value in a Val = min (a) Remove this value from a $a = \begin{bmatrix} 4, 5, 2, 3 \end{bmatrix} \longrightarrow \begin{bmatrix} 4, 2, 3 \end{bmatrix}$ Add this value to b b=[]->[2] Keep on doing it, until a is empty a=[4,5,8] -> [4,5] b = [2] - , [2,3] a = [4,5] - [5] $b = [2,3] \longrightarrow [2,3,4]$ $a = [5] \rightarrow []$ 5 = [2, 3, 4, 5]a is empty, we stop and b is our final result

HOW TO SORT A LIST OF NUMBERS

Start a = [4,5,2,3] def my-sort (a): Create another list, which is empty b= [] Find minimal value in a Val = min (a) Remove this value from a $a = [4, 5, 7, 3] \rightarrow [4, 2, 3] \text{ a. remove}$ (veil) Add this value to b b=[] -> [2] b. append (val) Keep on doing it (until) a is empty s while bop ten(a)==0 means empty, a=[4,5,8] -> [4,5] iteration 6 = [2] - [2,3] len(a)>0 one $a = [4,5] \longrightarrow [5]$ heration $b = [2,3] \longrightarrow [2,3,4]$ means not empty iteration a = [5] -> [] 5 = (2, 3, 4, 5)a is empty, we stop and b is our final result

Date

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