Amignment-5 1) Inertion Sort Algorithm. Injertion Sort (away) all-bass to tovelain busself ben mark first element as Sorted for each unsorted element x nelfyeld - Ebroon is him ] promo for 'extract the dement of the for J 2- last Sorted Inden down to 01 if worent reliment Jax more Sorted element to the right by 1 break loop and insert & flere. end involven for t. 11 1 Suppose the elements are pushed on the stack in the order & h, k, light 3/1 Su,2,1,183

Step 1: Push H, Curvent max: 4

Step 2:

Push 2, Curvent max: 4

Step 3:

Step 3:

Step 4: Push 14, Curvent max: 14

Step 5: Push 18, Curvent max: 18

Step 5: Push 18, Curvent max: 18

Step 6: Pop 18, Current max: 14

(3) Step 1: Start with array mof sizek

Step 2: m[0] = first element

Step3: mog Stoke Boch additional element in D(n)
gunning time after each push

Steph: Find Smallest elementin Octitione, mco]

If the Smallest element K is popped im(0] == K,

pop m[0] from m, Then the next Smallest element

will be m[0] = m[1] and socion.

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