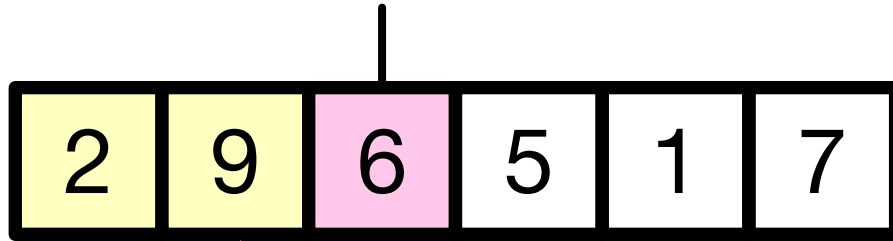
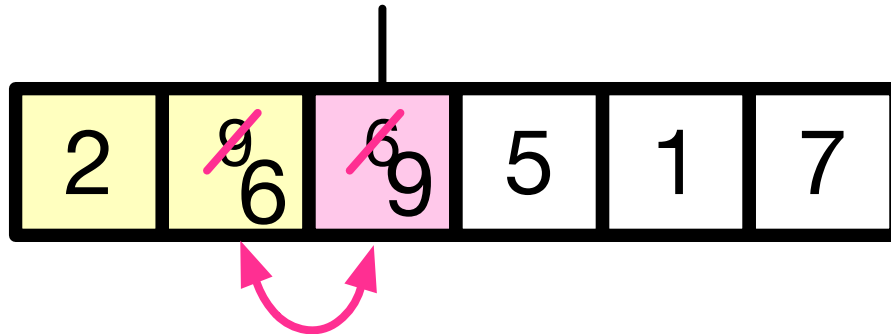


top = 2



compare $A[\text{top}]$ with $A[\text{top} - 1]$, $A[\text{top} - 2]$

top = 2



insert $A[\text{top}]$ in correct position $A[\text{top} - 1]$
with respect to the first 3 elements