2.1-1) - key - values compared to key

Insertion A = [31, 41, 59, 26, 41, 58]

{1-based indexing like the book





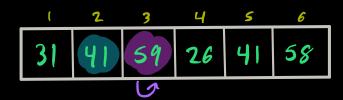
key=41

i=1

conditions: i>0 and A[i]>key

A[2]=41





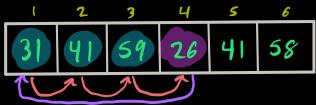
key = 59

i = 2

conditions: i>0 and A[i]>key

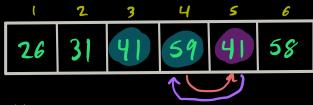
A[3] = 59

## **c**)



key = 26 A[i]:=59 i = 3 conditions: i>0 and Ali]>key A[4]=59 A[i] := 41i = 2 conditions: i>0 and Ali]>key A[3]=41 A[i] := 31 i=1 conditions: i>O and A[i]>key A[2]=31 i = 0





e)



key = 58