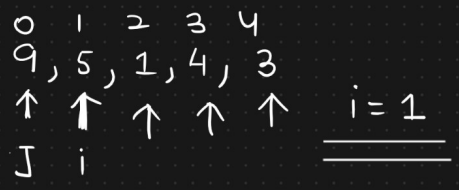
Implementation (Insertion Sort)



i = 1 to 4

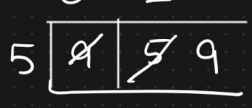
i = 1

key = 5

J = 0

True

5 < 9



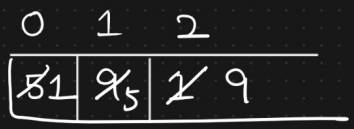
True

while J >= 0 && key < arr(J)

arr(J+1) = arr(J)

J = J-1 ⇐ J = -1

arr(J+1) = key



i = 2

key = 1

1 < 5

True

J = 1 - 1

1 < 9

True

while J >= 0 and key < arr(J)

arr(J+1) = arr(J)

J = J - 1

arr(J+1) = key