

[2, 3, 3, 3, 6, 9, 9]

↑ ↑
i ND

ND-1

[2, 3, 3, 3, 6, 9, 9]

↑ ↑ ↑
ND i

arr[ND] = arr[i]

ND += 1

ND-1

[2, 3, 3, 3, 6, 9, 9]

↑ ↑ ↑
ND i

i += 1

ND-1

[2, 3, 3, 3, 6, 9, 9]

↑ ↑
ND i

arr[ND] = arr[i]

ND += 1

[2, 3, 6, 3, 6, 9, 9]

↑ ~~↑~~ ↑ ~~↑~~ ↑
ND-1 ~~ND~~ ND ~~i~~ i

[2, 3, 6, 3, 6, 9, 9]

↑ ↑ ↑
ND-1 ND i

arr[ND] = arr[i]
ND += 1

[2, 3, 6, 9, 6, 9, 9]

~~↑~~ ↑ ~~↑~~ ↑
~~ND~~ ND ~~i~~ i

[2, 3, 6, 9, 6, 9, 9]

↑ ↑ ↑
ND-1 ND i

Return ND = 4