



Recursividade

Parte 2/2



Percorrendo Vetores (Arrays)

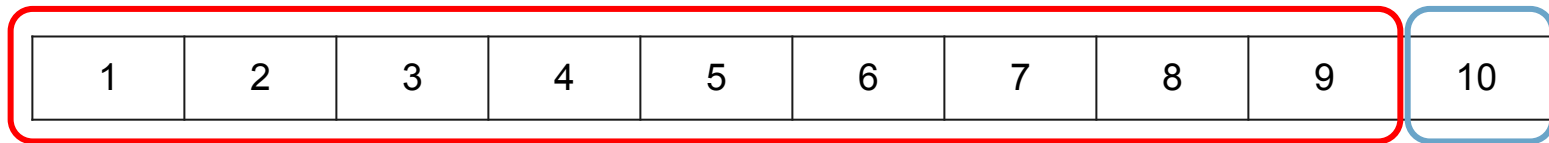
Somar todos os elementos do vetor:

1	2	3	4	5	6	7	8	9	10
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Percorrendo Vetores (Arrays)

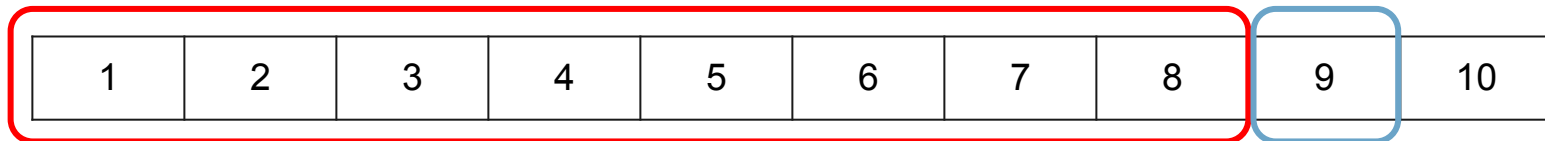
Somar todos os elementos do vetor:



Vetor[9] + Subvetor à esquerda [0..8]

Percorrendo Vetores (Arrays)

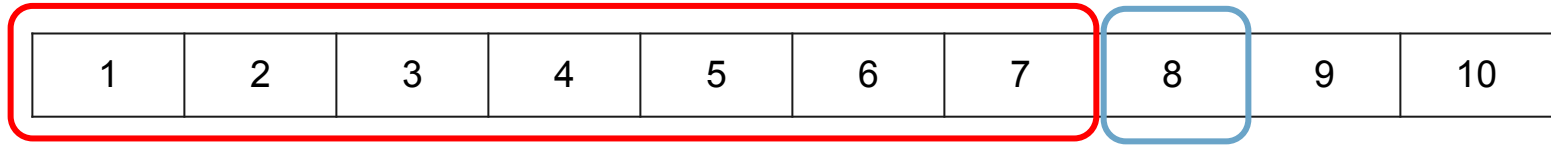
Somar todos os elementos do vetor:



Vetor[8] + Subvetor à esquerda [0..7]

Percorrendo Vetores (Arrays)

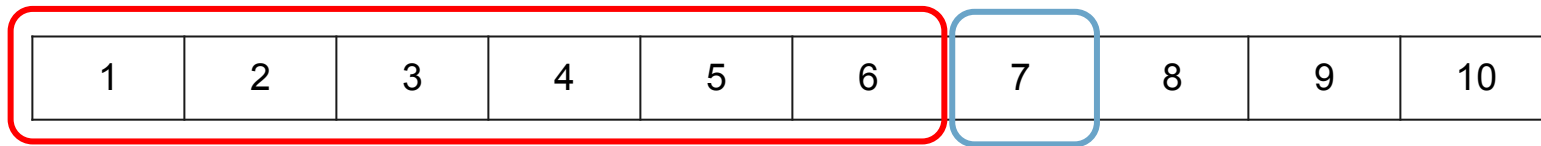
Somar todos os elementos do vetor:



Vetor[7] + Subvetor à esquerda [0..6]

Percorrendo Vetores (Arrays)

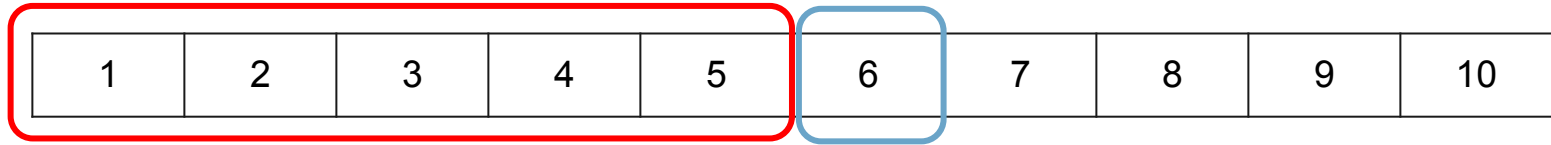
Somar todos os elementos do vetor:



Vetor[6] + Subvetor à esquerda [0..5]

Percorrendo Vetores (Arrays)

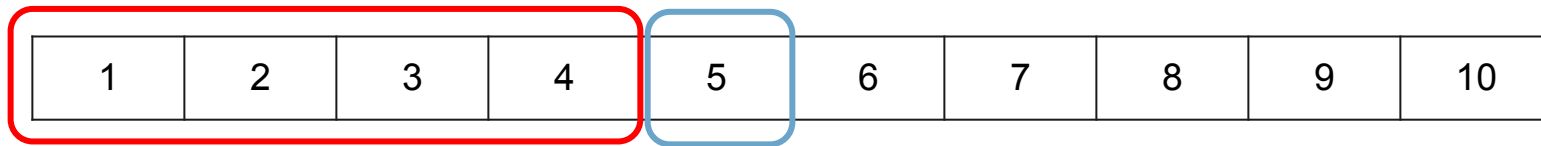
Somar todos os elementos do vetor:



Vetor[5] + Subvetor à esquerda [0..4]

Percorrendo Vetores (Arrays)

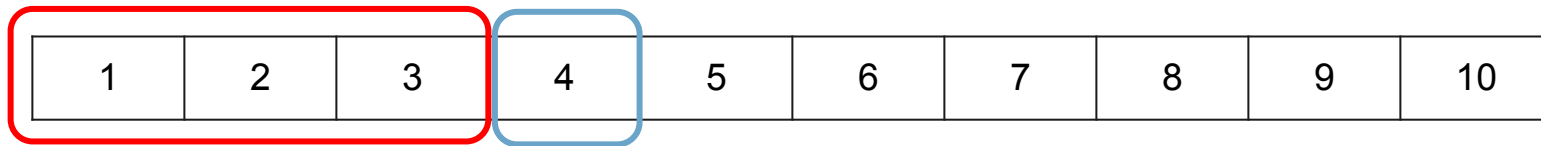
Somar todos os elementos do vetor:



Vetor[4] + Subvetor à esquerda [0..3]

Percorrendo Vetores (Arrays)

Somar todos os elementos do vetor:

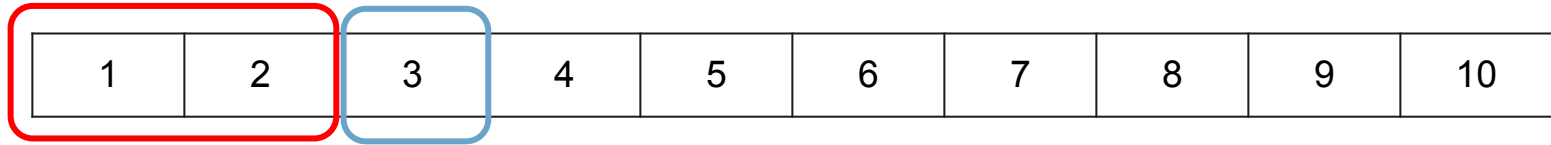


Vetor[3] + Subvetor à esquerda [0..2]



Percorrendo Vetores (Arrays)

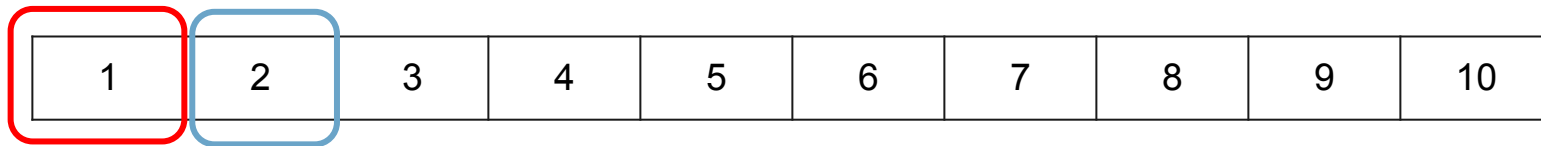
Somar todos os elementos do vetor:



Vetor[2] + Subvetor à esquerda [0..1]

Percorrendo Vetores (Arrays)

Somar todos os elementos do vetor:



Vetor[1] + Subvetor à esquerda [0]



Percorrendo Vetores (Arrays)

Somar todos os elementos do vetor:

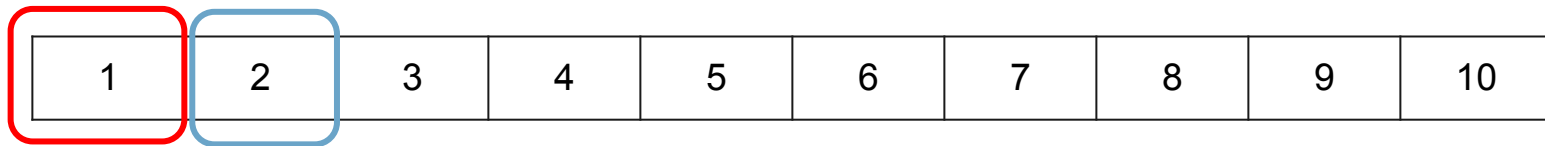
1	2	3	4	5	6	7	8	9	10
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Vetor[0] = 1



Percorrendo Vetores (Arrays)

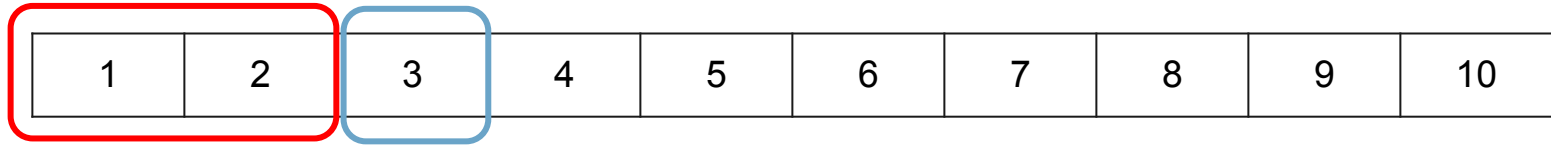
Somar todos os elementos do vetor:



$$\text{Vetor}[1] + 1 = 3$$

Percorrendo Vetores (Arrays)

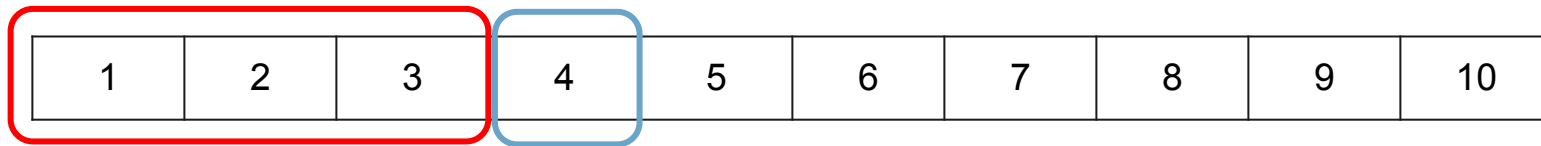
Somar todos os elementos do vetor:



$$\text{Vetor}[2] + 3 = 6$$

Percorrendo Vetores (Arrays)

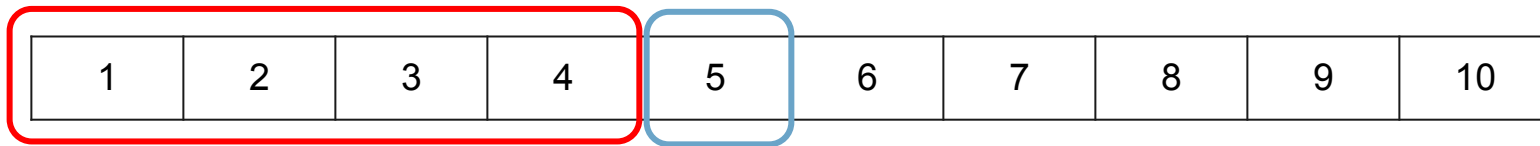
Somar todos os elementos do vetor:



$$\text{Vetor}[3] + 6 = 10$$

Percorrendo Vetores (Arrays)

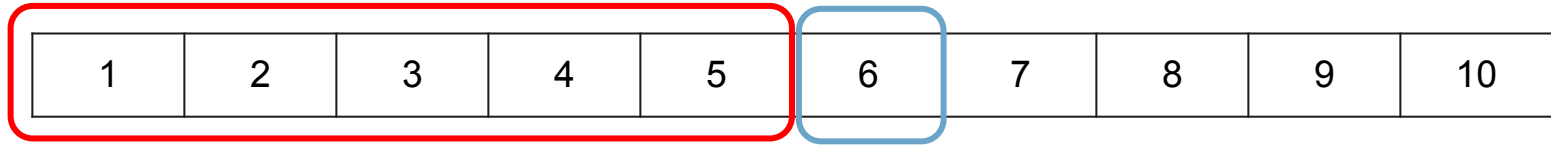
Somar todos os elementos do vetor:



$$\text{Vetor}[4] + 10 = 15$$

Percorrendo Vetores (Arrays)

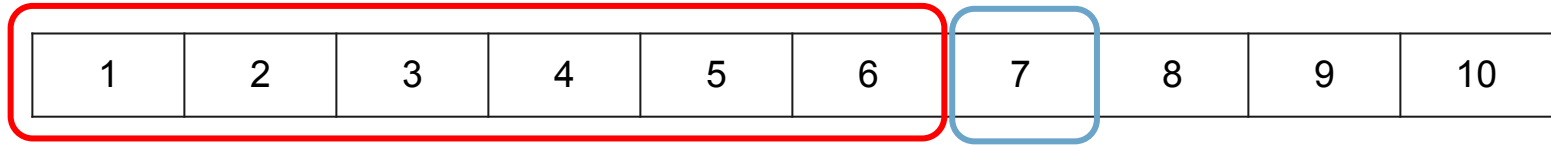
Somar todos os elementos do vetor:



Vetor[5] + 15 = 21

Percorrendo Vetores (Arrays)

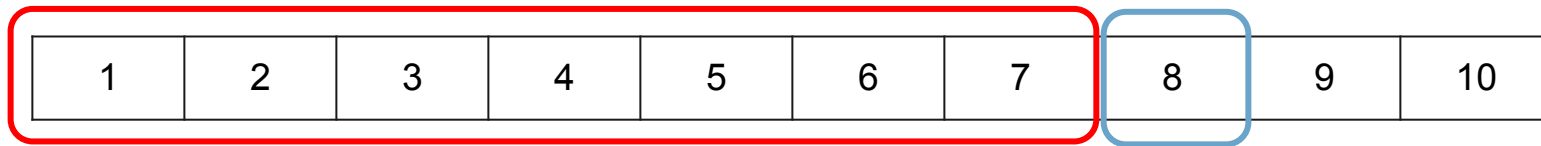
Somar todos os elementos do vetor:



Vetor[6] + 21 = 28

Percorrendo Vetores (Arrays)

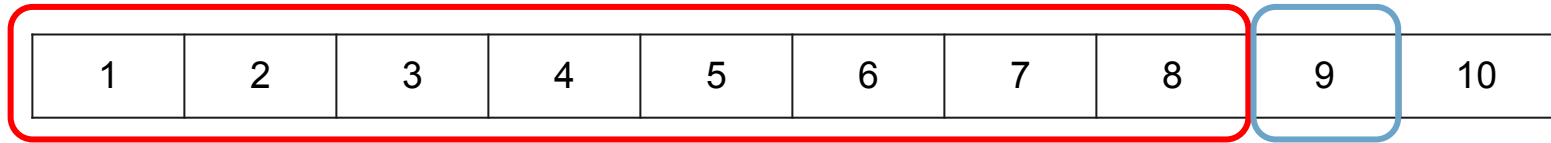
Somar todos os elementos do vetor:



Vetor[7] + 28 = 36

Percorrendo Vetores (Arrays)

Somar todos os elementos do vetor:



$$\text{Vetor}[8] + 36 = 45$$

Percorrendo Vetores (Arrays)

Somar todos os elementos do vetor:

1	2	3	4	5	6	7	8	9	10
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Vetor[9] + 45 = 55