

## Estrutura de Dados

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"First, solve the problem.

Then, write the code."

John Johnson

# Estrutura de Dados



#### Programa 01



\*numero\_2

numero\_1

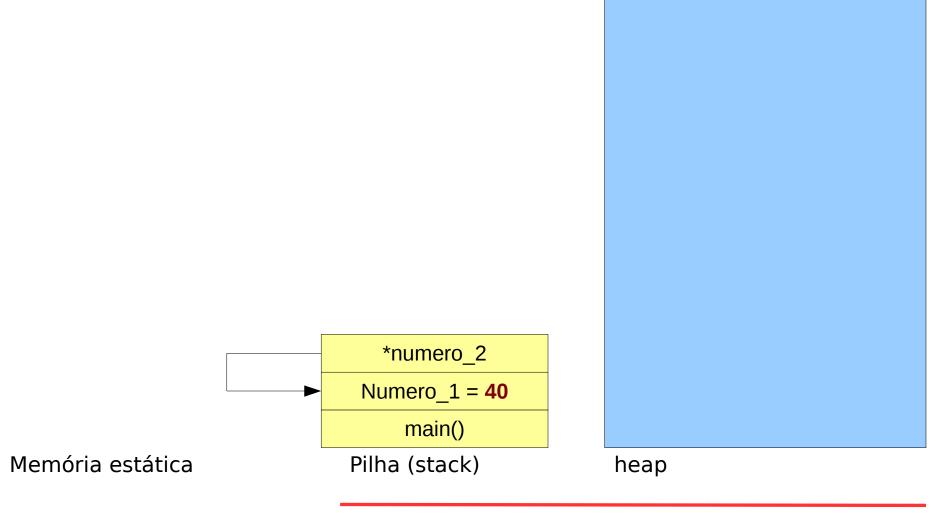
main()

Memória estática

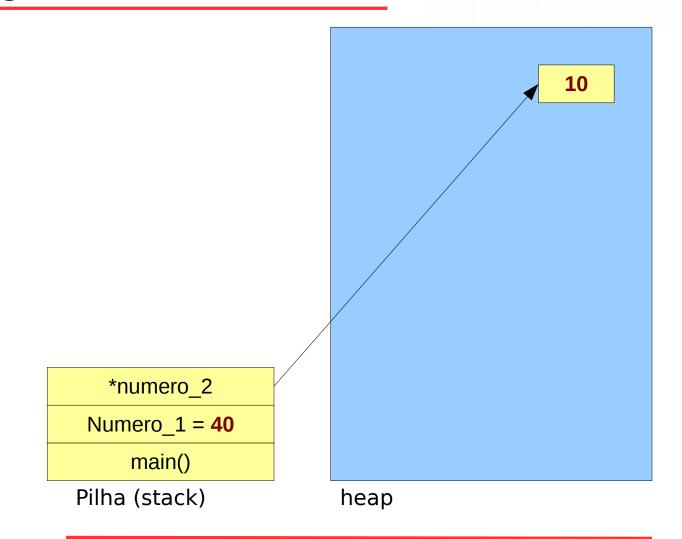
Pilha (stack)

heap

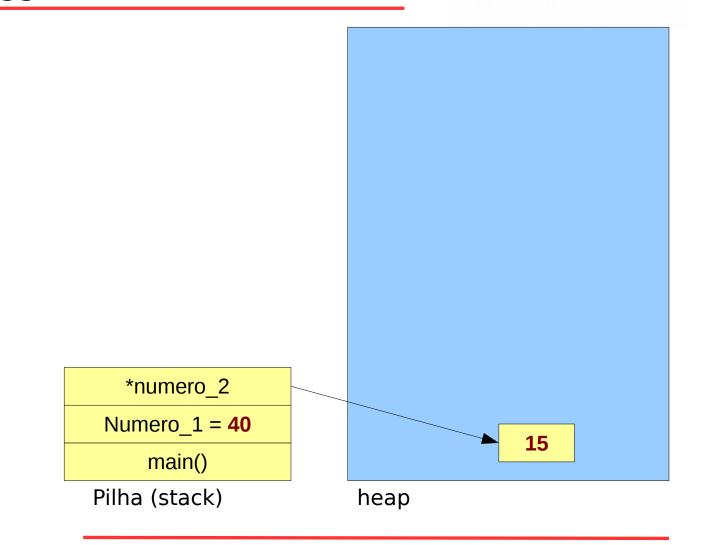




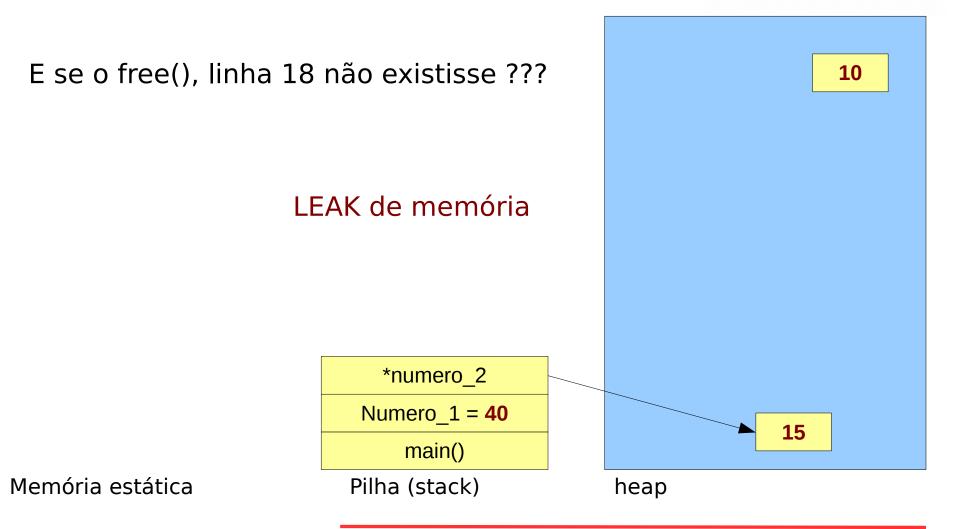














#### Programa 02



\*vetor\_numeros numero\_elementos

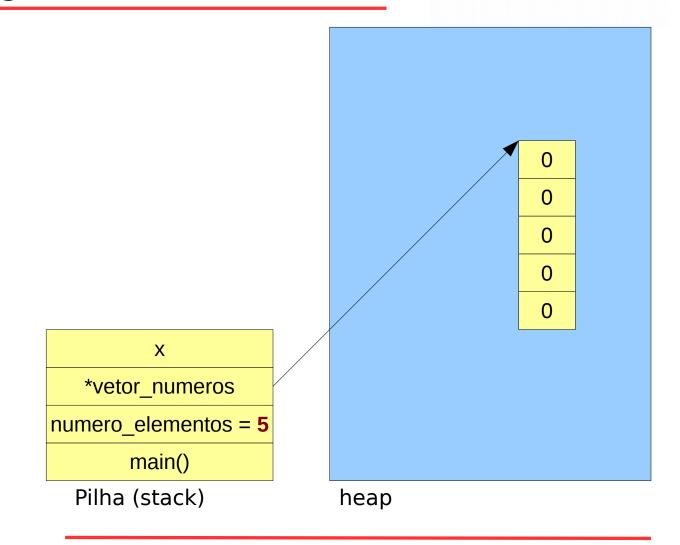
main()

Memória estática

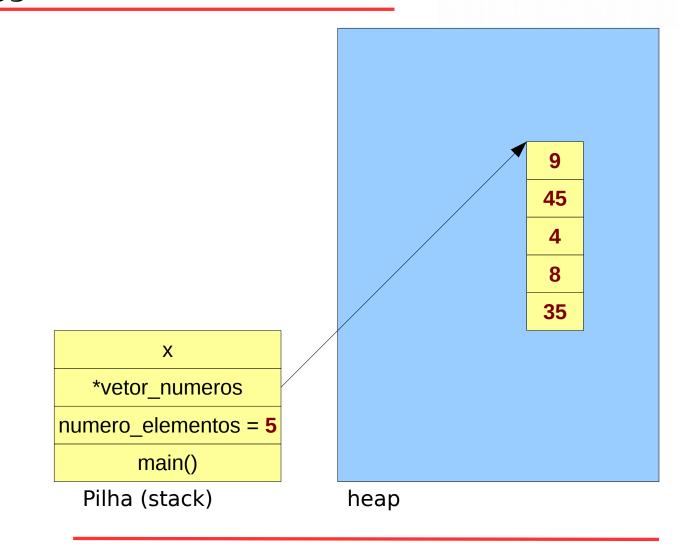
Pilha (stack)

heap











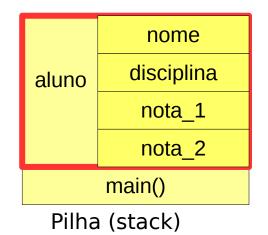
x
\*vetor\_numeros
numero\_elementos
main()
Pilha (stack)

heap



#### Programa 03





heap

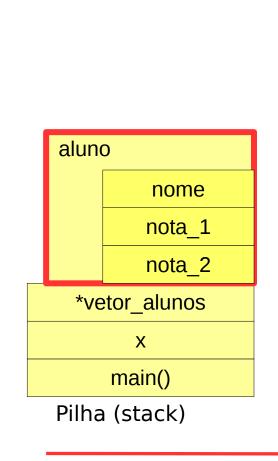


#### Programa 04

contador = 0

Memória estática

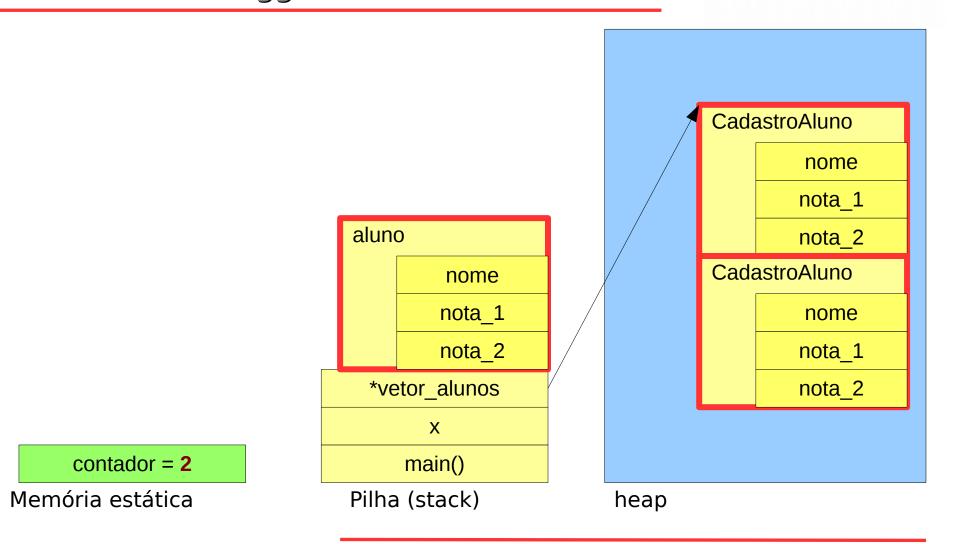




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heap







#### Dúvidas

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#### Fechamento



C para C++:

Migrar os programas, escritos em C para C++