

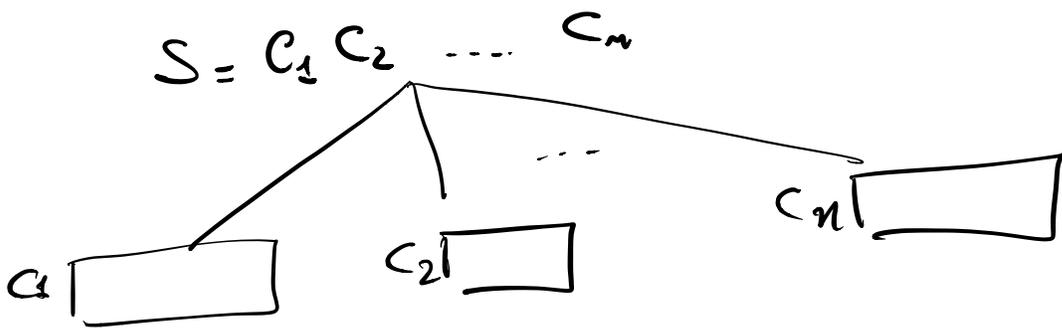
Anagrammi: Stringhe \rightarrow ^{Slice} Insieme di stringhe

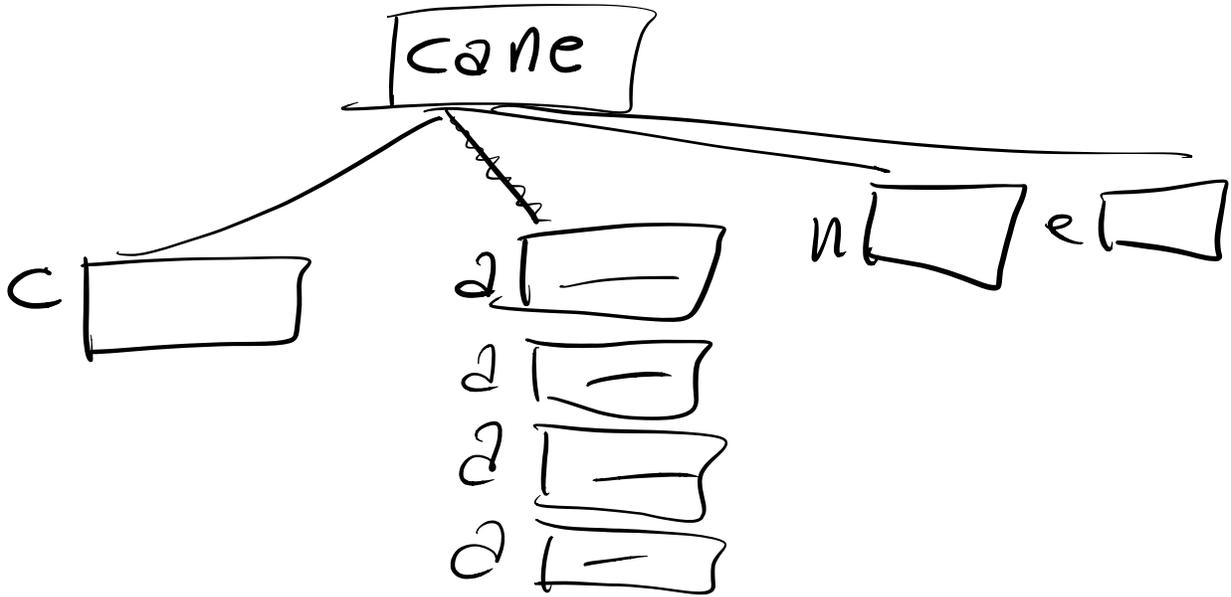
$$\text{Anagrammi}("bao") = \{ "bao", "boa", "obao", "oab", \dots \}$$

$$f_{\text{att}}: \mathbb{N} \rightarrow \mathbb{N}$$

$$f_{\text{att}}(n) = \begin{cases} 1 & \text{se } n=0 \\ n \cdot f_{\text{att}}(n-1) & \text{se } n > 0 \end{cases}$$

$$\text{Anagrammi}(s) = \begin{cases} \{s\} & \text{se } \text{len}(s) \leq 1 \\ \left\{ \begin{array}{l} c_1 \cdot \text{Anagrammi}(s - c_1), \\ c_2 \cdot \text{Anagrammi}(s - c_2), \\ \dots \end{array} \right\} & \text{se } \text{len}(s) > 1 \\ & s = c_1 c_2 \dots c_n \end{cases}$$





Анаграммы: (cane)

• Анаграммы: (aace)

c aae, acae, caaa, aacn, ...

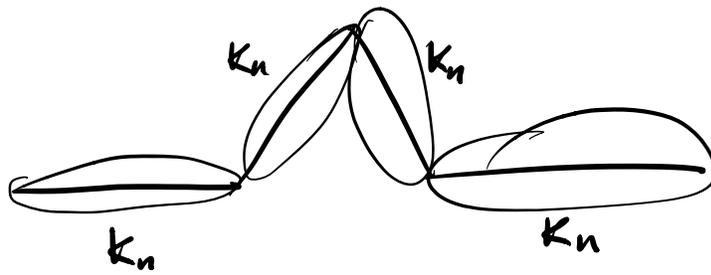
• Анаграммы: (caae)

a caae, caaee, acaee, caaee, ...

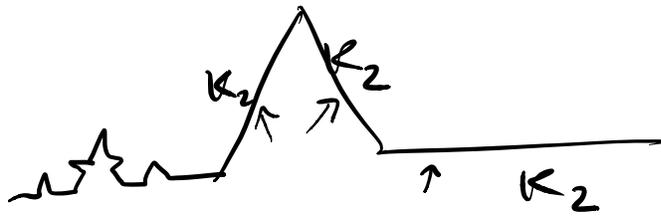
• Анаграммы: (caee)

n - - n - .

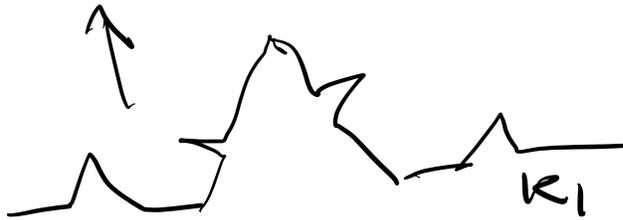
K_{n+1}



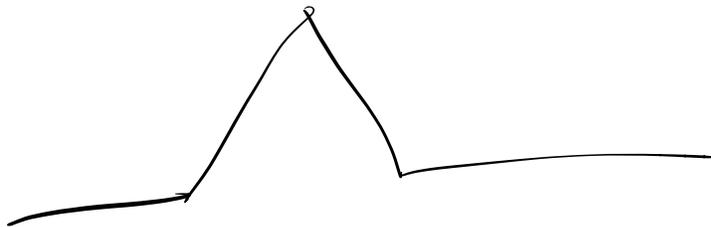
K_3



K_2



K_1

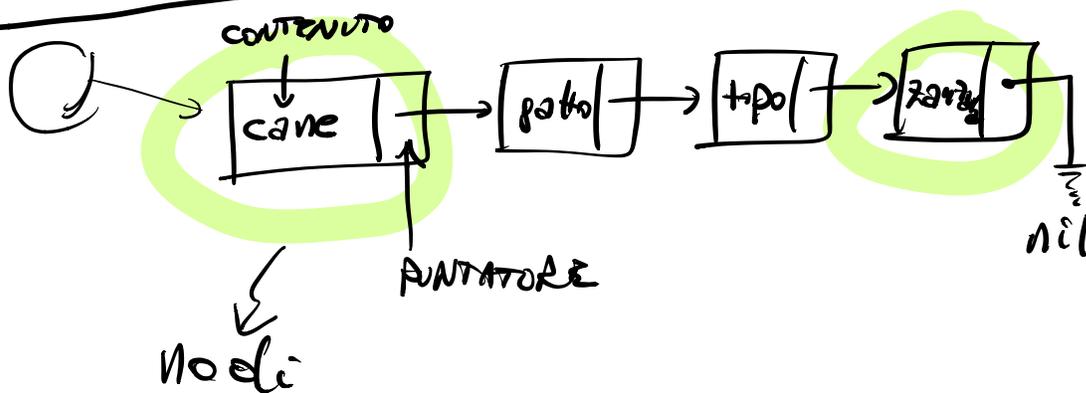


K_0

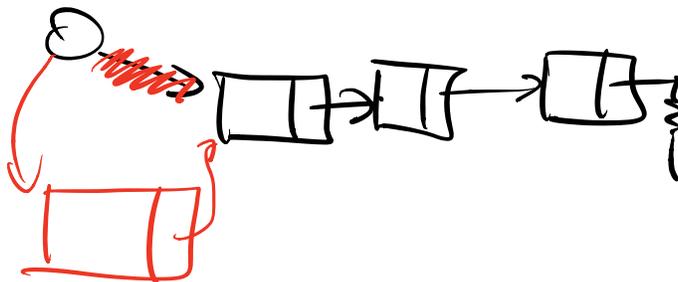


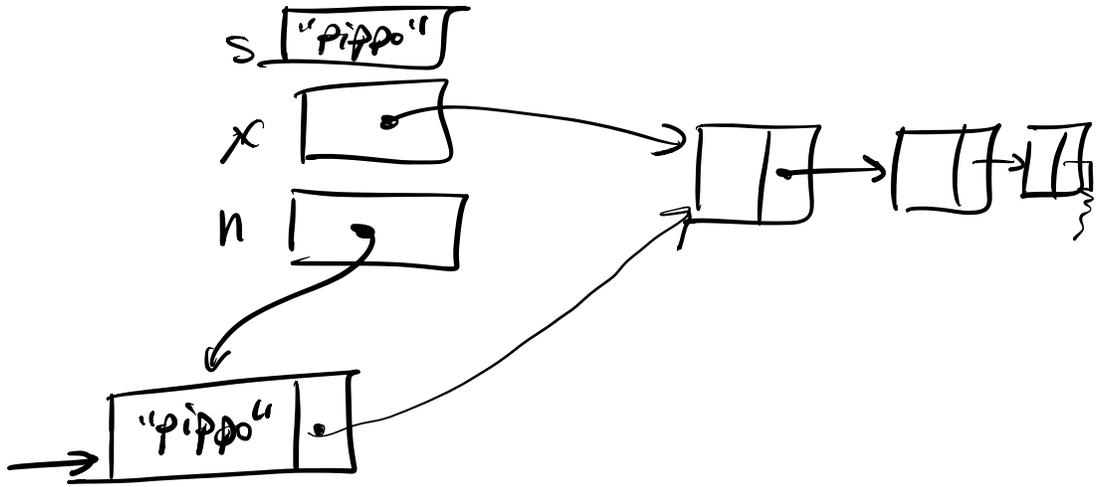
STRUTTURE DATI CON ALLOCAZIONE DINAMICA

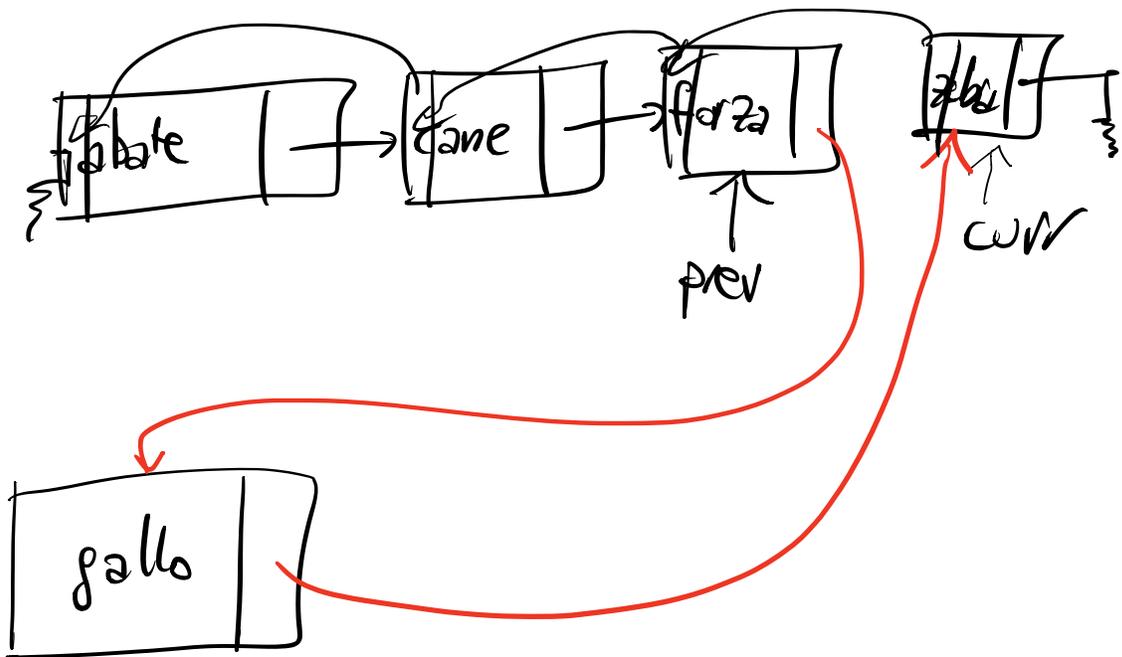
LISTA CONCATENATA SEMPLICE



AddFront







ESERCIZI

- 1) Scrivere delle funzioni di stampa identiche ma ricorsive
- 2) Scrivere una funzione che aggiunge un elemento in una posizione data (0 = all'inizio, 1 = dopo il primo elemento, 2 = dopo il secondo elemento, ...)

3) Scrivere una funzione che
data una posizione caratta
l'elemento in quella
posizione -