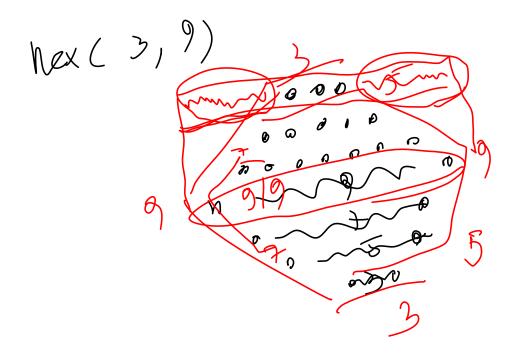
$$X = \begin{cases} P \text{ even} & X^{P/2} + X^{P/2} \\ P \text{ odd} & X \cdot \left[X^{(P-1)/2} \right]^2 \\ P = 0 & 1 \\ P = 1 & P \end{cases}$$

$$10 = \begin{bmatrix} 2 \\ 2 \end{bmatrix}^2 \begin{bmatrix} 2$$

$$\chi^2 = y \qquad \qquad (og_2(y) = x$$



Vholefine x 10

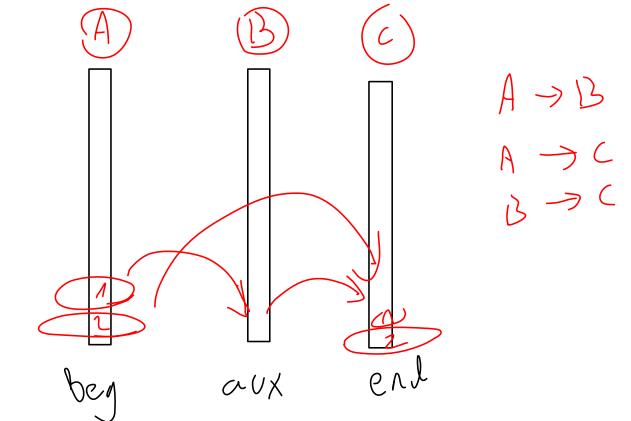
Venum $\frac{2}{2} = 10;\frac{3}{3};$ x = 10; x =

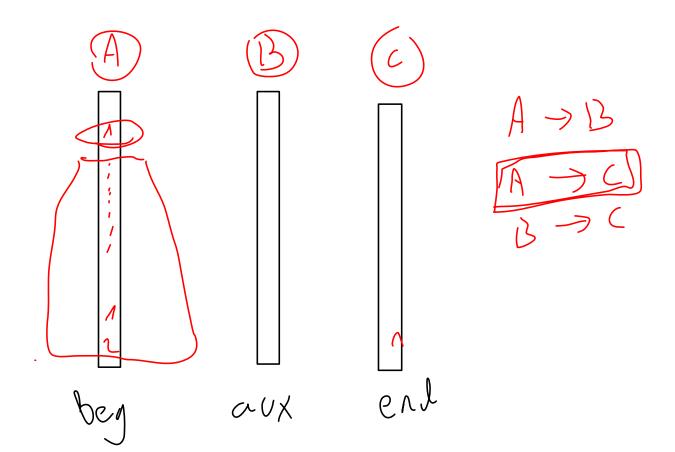
V constexprint x=16; C23

VLA - Variable Length Array C99 (optional since C11) (not available in C90 or in C++)

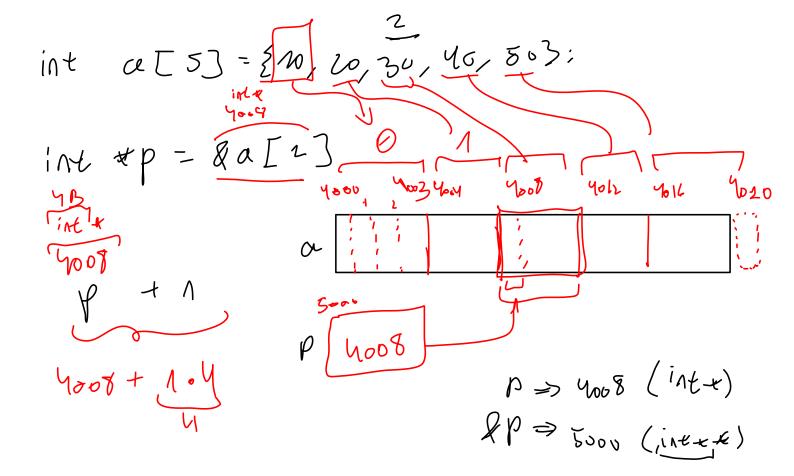
VMT - Variably Modified Type C99 (...) (not available in C90 or in C++)

51=4234'; Strcpy(61, "1254");









int als]; int *p; $a[n] \rightarrow \times (a+[n])$ $a[n] \rightarrow \times (a+[n])$

$$a \leftrightarrow k \star (a) \leftrightarrow k \star (a + 0) \leftrightarrow k \cdot (a)$$

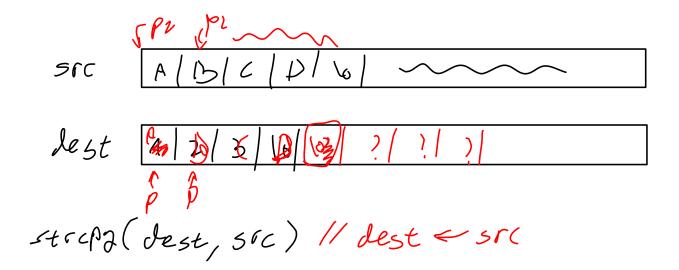
$$\frac{+\alpha \rightarrow * \&ato] \rightarrow ato]}{=} \times (a+o) \rightarrow ato]$$

int x=173, y=456
int x p1;

P1 = 123

P2 = 123

#4000 #4.4 #4.5 int all = 2 no, 20, 503; int *p = 0; p 10 ++ *P



 $\frac{\text{'aad'' = 'aab''}}{\text{strcmp}(\text{'ana'', 'aab''})} = 0 \quad \text{if}(x) = 0)$ $= 0 \quad \text{if}(x)$ $= 0 \quad \text{if}(x)$