opt(j) =
$$\begin{cases} 0 & j=0 \\ min(e(i,j)+opt(i-i) \\ sisj+C \end{cases}$$

Obf(v):

for i = 1 to n-1

tor j = i+1 to n

e(i,j) = SSE (i,j)

?O(n)

M[o] = 0

for i=1 to n

min = e[ij]+ m[i-i]

if (tmp(min)

min = tmp

M[j] = min

return m[n]

$$X = \sum x_{i}$$

$$Y = \sum Y_{i}$$

$$\overline{XY} = \sum x_{i} y_{i}$$

$$X_{2} = \sum x_{i}^{2}$$

$$Y_{2} = \sum x_{i}^{2}$$

$$X = X + y_j$$

$$Y = Y + y_j$$

$$b = \frac{Y - ax}{n}$$

$$a = \frac{n xy - x \cdot y}{n x_2 - x^2}$$