```
91강 불충강의
                  [x, x,] [a, a,] [x,] =[a, x,2+a,2 x,2+2a, x,x, ] ,x,
           [X_1 X_2][A_1] = A_{11}X_1^2 + A_{22}X_2^2 + A_{12}X_1X_2 + A_{21}X_1X_2
+ 2A_{12}X_1X_2
                                                                                                                                                     수 대칭됐경
                                                \begin{bmatrix} X_1 & X_2 & \cdots & X_n \end{bmatrix} \begin{bmatrix} A_{11} & A_{12} & A_{13} & \cdots & A_{1n} \\ A_{21} & A_{22} & A_{23} & \cdots & A_{2n} \\ \vdots & & \vdots & & \vdots \\ A_{n1} & A_{n2} & A_{n3} & \cdots & A_{nn} \end{bmatrix} \begin{bmatrix} X_1 \\ X_2 \\ \vdots \\ X_n \end{bmatrix} = A_{13} X_3 X_4 (\hat{x}, \hat{y}) \in \{1 \sim n\}
\begin{bmatrix} \sum_{\lambda=1}^{N} \chi_{\lambda} a_{\lambda 1} & \sum_{\lambda=1}^{N} \chi_{\lambda} a_{\lambda 2} & \cdots & \sum_{\lambda=1}^{N} \chi_{\lambda} a_{\lambda 1} \\ \vdots & \vdots & \ddots & \vdots \\ \chi_{1} & \vdots & \ddots & \vdots \\ \chi_{2} & \vdots & \ddots & \vdots 
              = x, 2x, ai + x. 2x, diz + ... + xn. 2x, din
```

air XIXi