QUIT 8 /LYELL READ / 5/20.

A=(23). And Eigenvalves.

·] solve · An Set (A - XI) =0

 $A - \lambda I = \begin{pmatrix} 2 & 3 \\ 3 & 2 \end{pmatrix} - \begin{pmatrix} \lambda & 0 \\ 0 & \lambda \end{pmatrix}$

 $det\begin{pmatrix} 2-\lambda & 3\\ 3 & 2-\lambda \end{pmatrix} = 0 \quad ad-b \subset$

 $(2-\lambda)^2 - \emptyset = 0$ $\lambda = 5, -1$ $\lambda_1 = \lambda_2 = -2$