## HW3 Pr2

what value of a caused A to become singuler? q= 1 results in [ ] ] Signler Leix. Find Eigenvolues  $A = \begin{bmatrix} 1 & 9 \\ 9 & 1 \end{bmatrix}$  Det  $\begin{bmatrix} 1-\lambda & 9 \\ a & (-\lambda) \end{bmatrix} =$ So, When (1-7)2=92 then Det() is 0 & A is singular.

what happens when A is singular? We get = serbble.

