

FIELD	
NAME	
INDEX NUMBER	
<p>Write your index number on the main diagonal of the matrix A starting from the top left hand corner.</p> $A = \begin{pmatrix} & & 1 & 1 & 1 & 1 & 1 \\ 1 & & & & & & \\ 1 & 1 & & & & & \\ 1 & 1 & 1 & & & & \\ 1 & 1 & 1 & 1 & & & \\ 1 & 1 & 1 & 1 & 1 & & \end{pmatrix}$	

Find the characteristic polynomial, minimal polynomial, eigenvalues, spectral radius and eigenvectors. (you can use any software , but mention the name of the software and write the code/command)

Solution:

See Test8-Q2-Solutions

