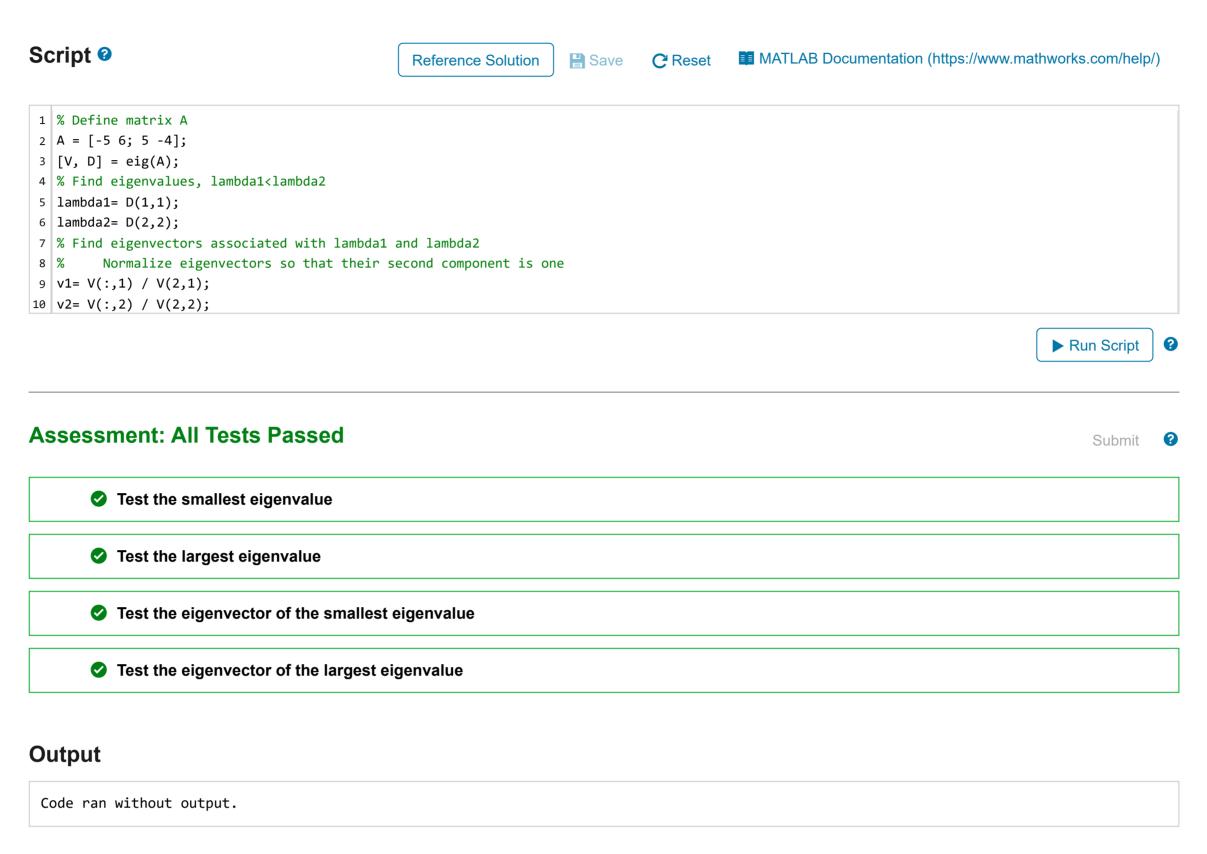
## **Eigenvalues and Eigenvectors**

Use MATLAB to find the eigenvalues and eigenvectors of the matrix

$$A = \begin{pmatrix} -5 & 6 \\ 5 & -4 \end{pmatrix}.$$

Normalize the eigenvectors so that their second component is one.



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