Assignment 3

The Hill cipher is under consideration. Write a program to encrypt and decrypt a text fragment using Hill cipher. Related matrices are as follows:

$$A = \begin{bmatrix} 2 & 3 \\ 4 & 5 \end{bmatrix}, \quad A^{-1} = \begin{bmatrix} -\frac{5}{2} & \frac{3}{2} \\ \frac{2}{2} & -\frac{1}{2} \end{bmatrix}. $$

Students will get up to 5 points depending on quality of the program.