EX.2.4.2.c2d, Sauer3

Find the $PA = LU$ factorization (using partial pivoting) of the following matrices:

c. $\begin{pmatrix} 1 & 2 & -3 \\ 2 & 4 & 2 \\ -1 & 0 & 3 \end{pmatrix}$
d. $\begin{pmatrix} 0 & 1 & 0 \\ 1 & 0 & 2 \\ -2 & 1 & 0 \end{pmatrix}$