Q.No.	Question Description
1	Find LDU of $A = \begin{bmatrix} 1 & 2 & 1 \\ 3 & 2 & 1 \\ 1 & 2 & 4 \end{bmatrix}$
2	Let T be a linear transformation on $V_3(R)$ defined by $T(a,b,c) = (3a, a-b, 2a+b+c)$ $\forall a,b,c \in V_3(R)$. Is T invertible?. If so, find a rule for T^{-1} as the one which defines T.
3	Find column space, row space, null space and kernel of $A = \begin{bmatrix} -3 & 9 & -2 & -7 \\ 2 & -6 & 4 & 8 \\ 3 & -9 & -2 & 2 \end{bmatrix}$

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