Enter the dimension of the square matrix : 4 Enter the entries the matrix rowwise: $[1\ 1\ 0\ 3;\ 2\ 1\ -1\ 1;\ 3\ -1\ -1\ 2;\ -1\ 2\ 3\ -1]$ Given matrix is:

Crout's LU decomposition of the givem matrix is:

1.0000	0	0	0	1.0000	1.0000	0	3.0000
2.0000	-1.0000	0	0	0	1.0000	1.0000	5.0000
3.0000	-4.0000	3.0000	0	0	0	1.0000	4.3333
-1.0000	3.0000	0	-13.0000	0	0	0	1.0000

>>