```
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:
     1     1     0     3
     2     1    -1     1
     3    -1    -1     2
    -1     2     3    -1


Dolittle's LU decomposition of the givem matrix is:

     1     0     0     0     1     1     0     3
     2     1     0     0     0    -1    -1    -5
     3     4     1     0     0     0     3    13
    -1    -3     0     1     0     0     0   -13


>>
```