



:. Total no of opercation = 1+3+5+7= 16=  $4^2$ 

if we look at our lower triangular matrix we will see it a 4x4 matrix. So to solve this we need 16 = 42 operation, if matrix is a nxn matrix then the total no of operation will be n2.

(This applicable for both lower triangular q upper triangular matrix)