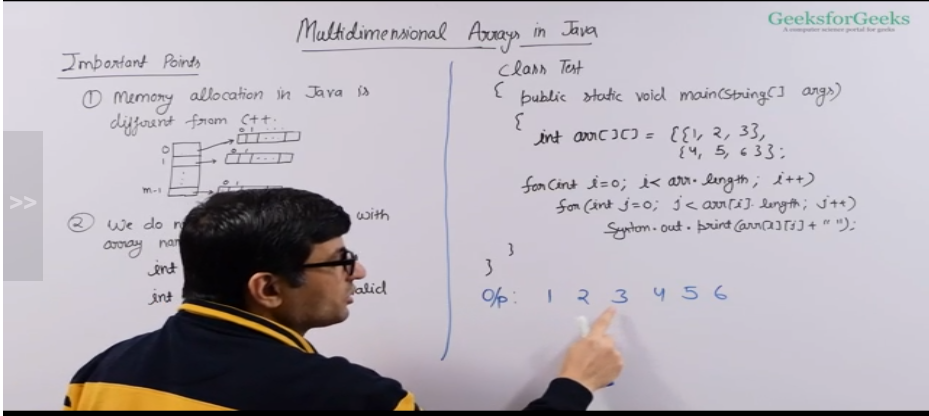
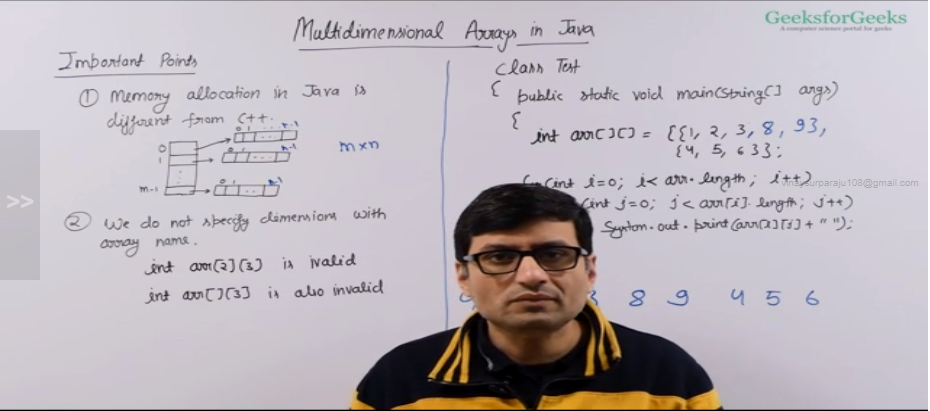
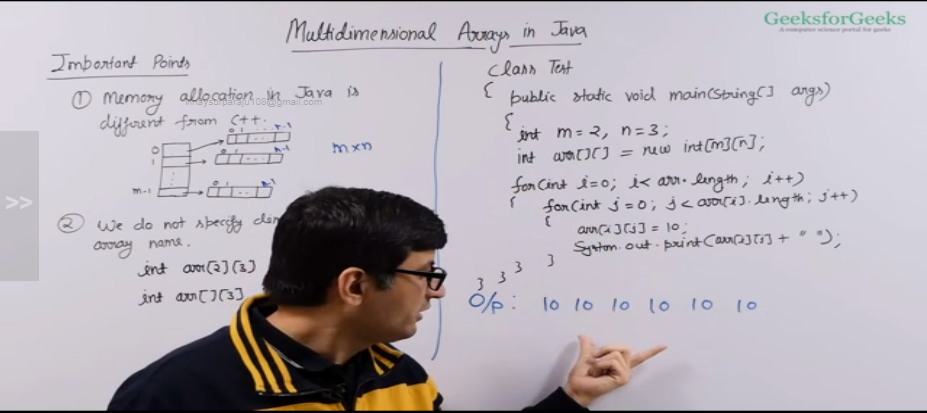
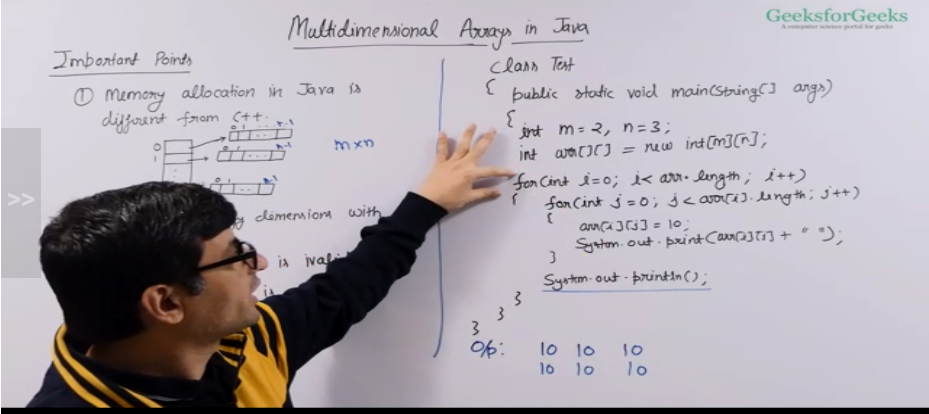
**Matrix**

Multi-dimensional arrays in java:

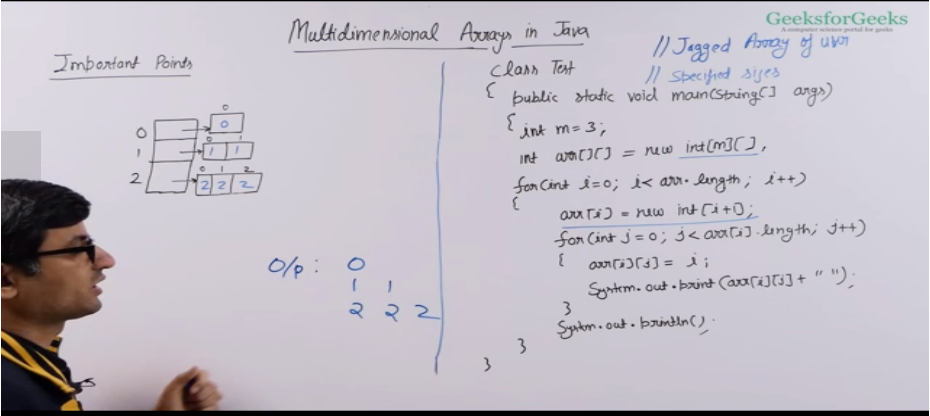




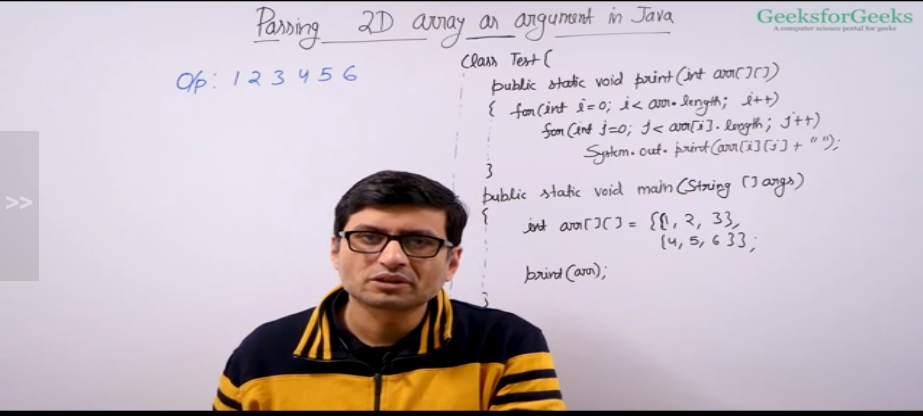




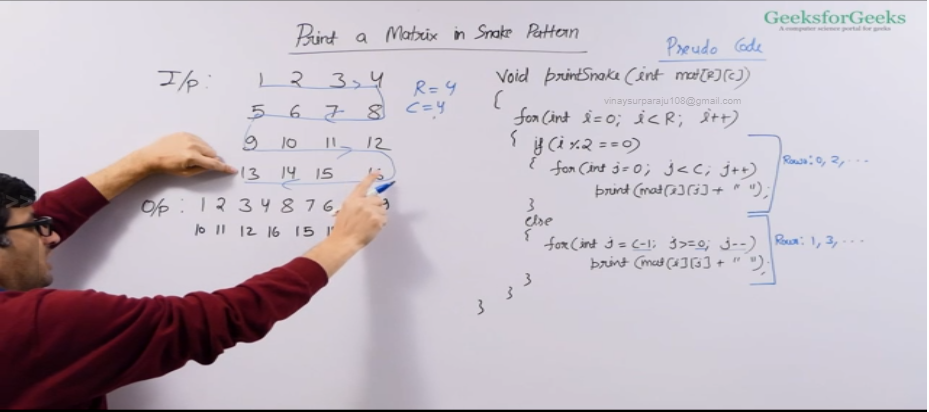
Jagged arrays:



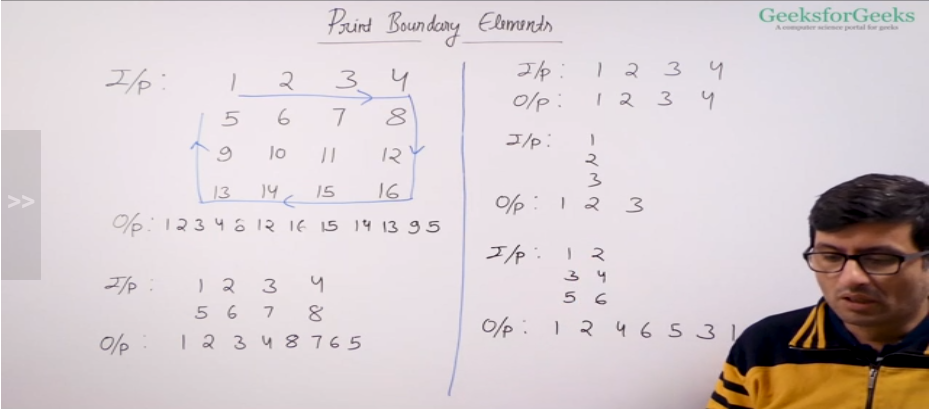
Passing 2D arrays as arguments in Java:

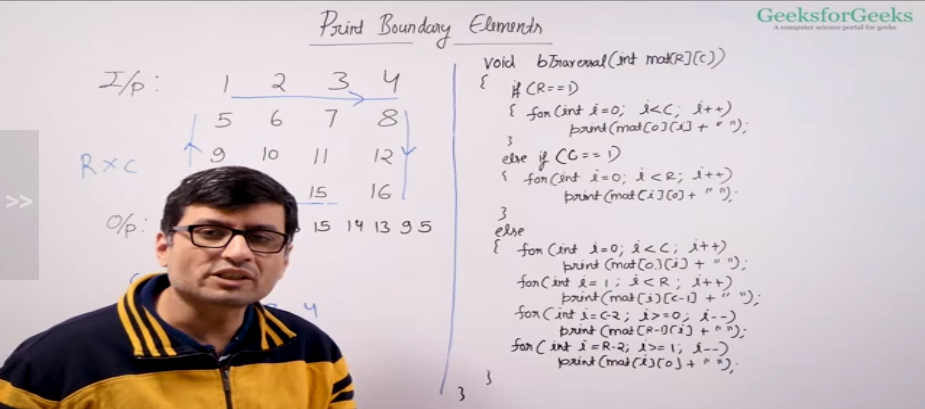


Print a matrix in snake pattern:



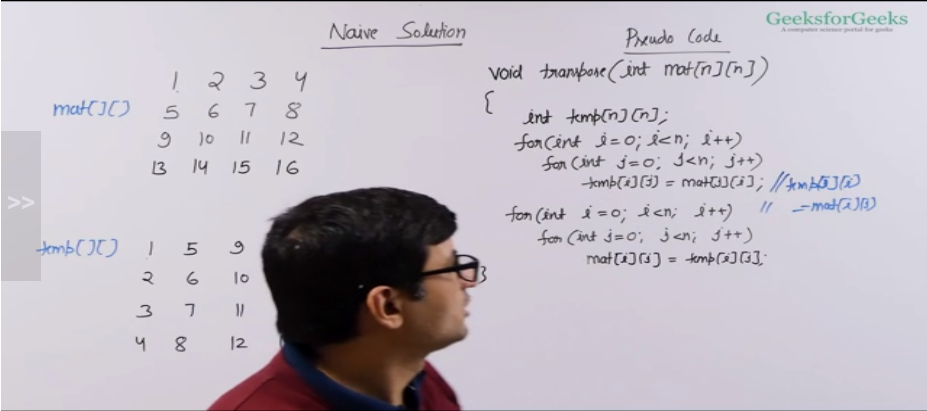
Matrix boundary traversal:



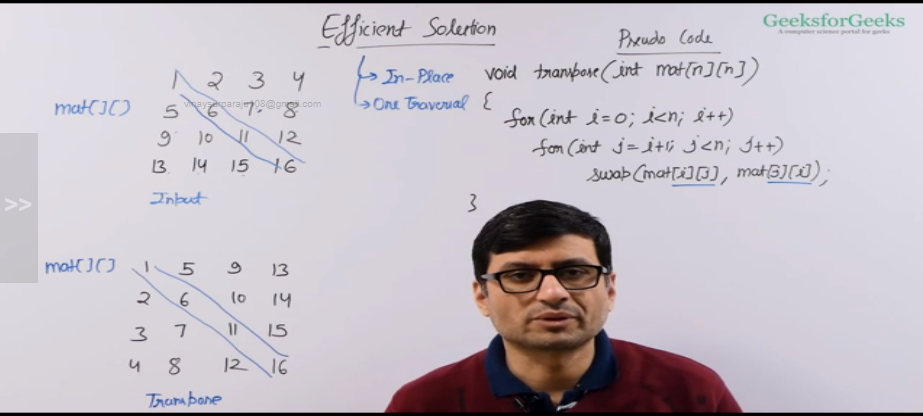


Transpose of a matrix:

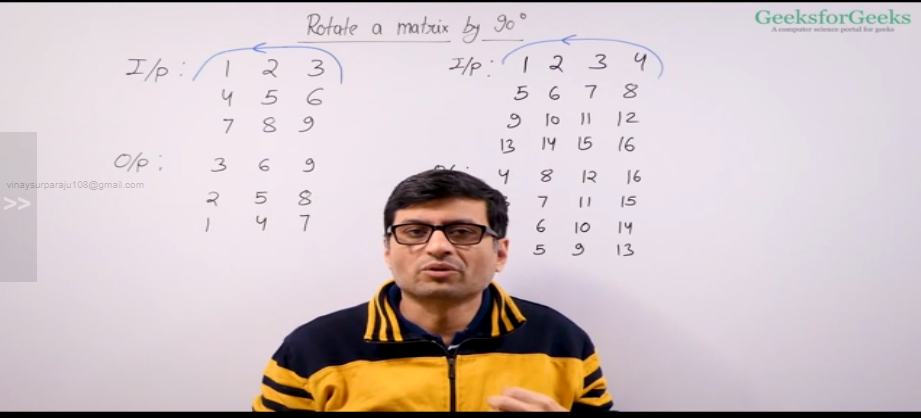
Naive sol:



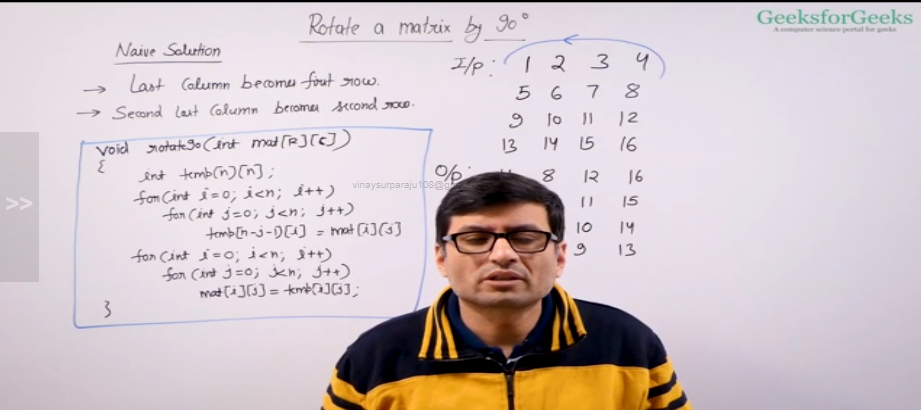
Eff sol:



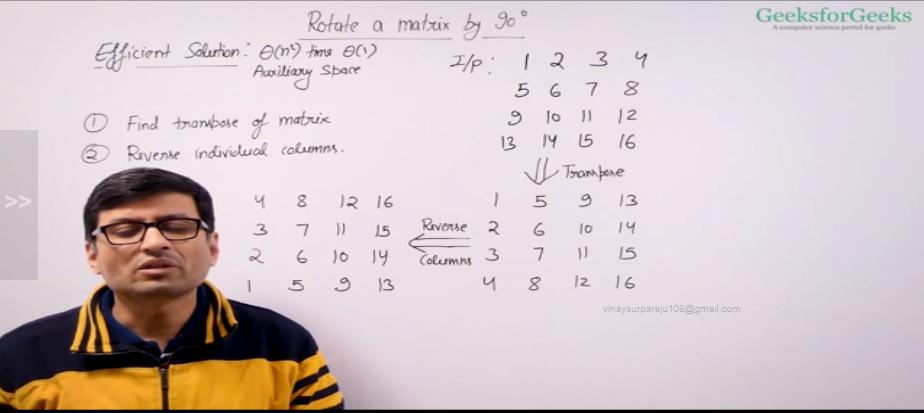
Rotate matrix by 90 degree anti-clockwise:

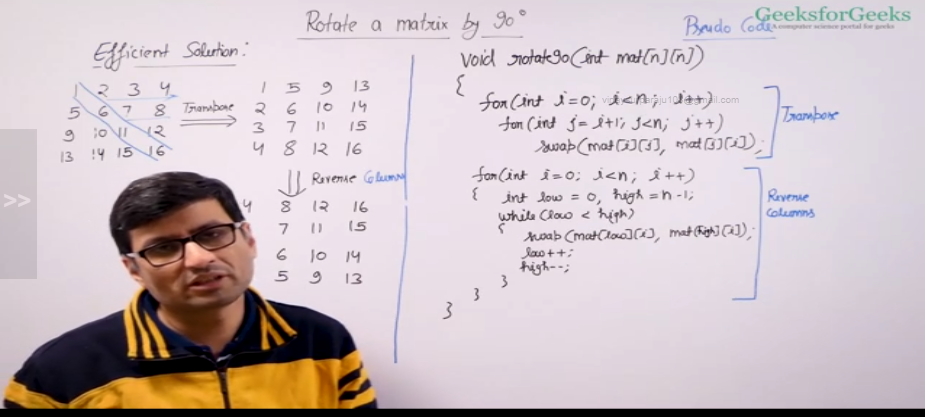


Naive sol: Time and space comp is theta(n^2)



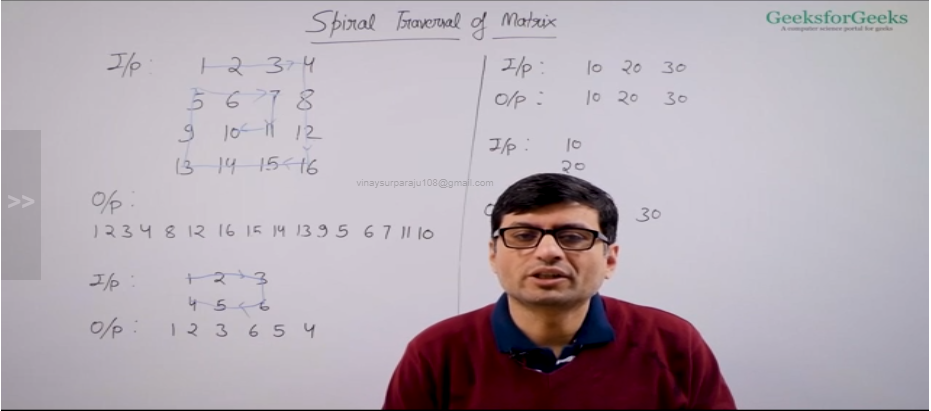
Eff sol:



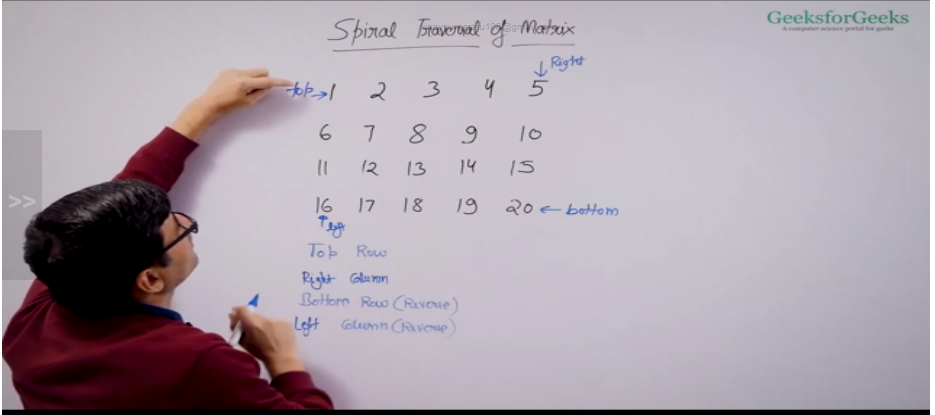


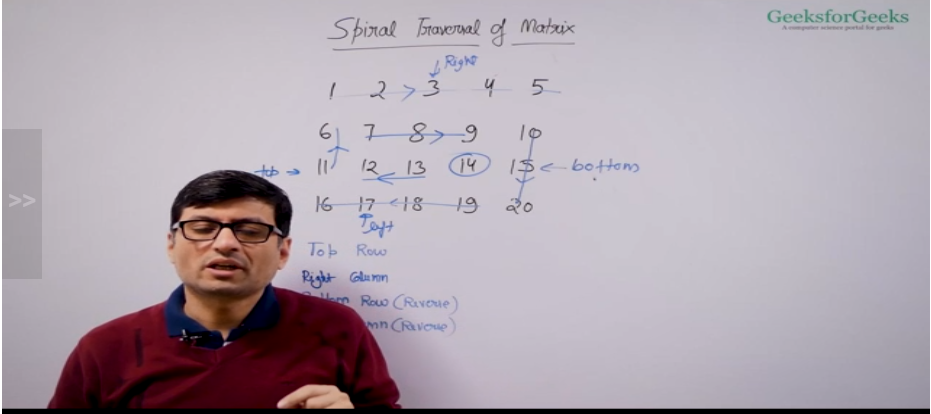
Spiral traversal of Matrix:

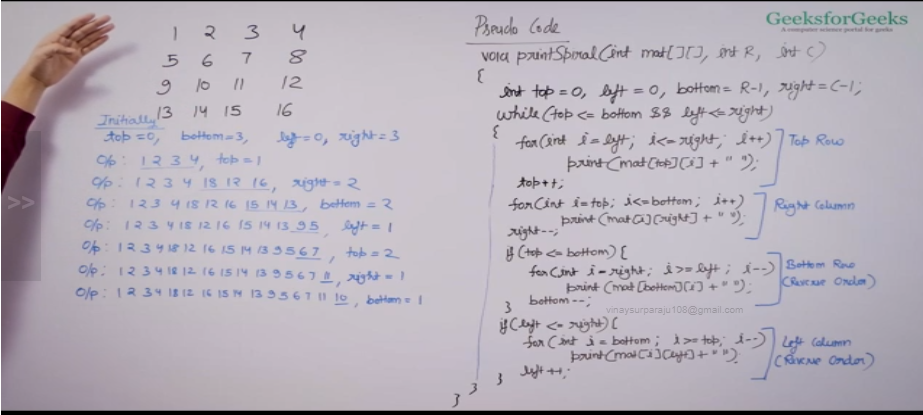
Time comp is theta(R\*C)



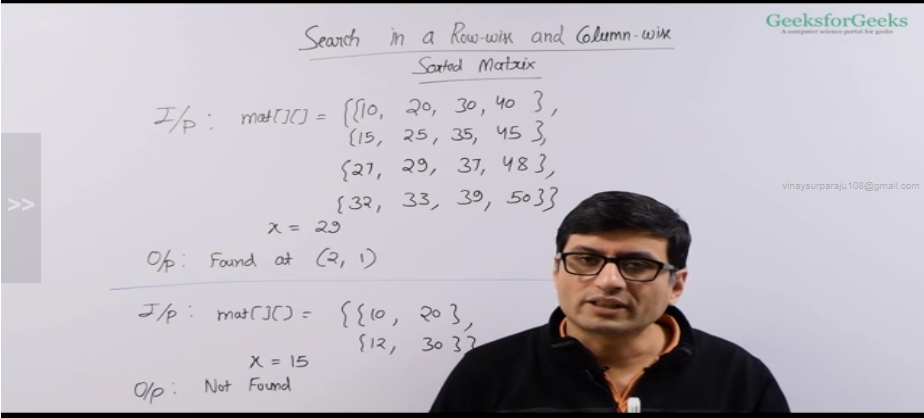
Approach:



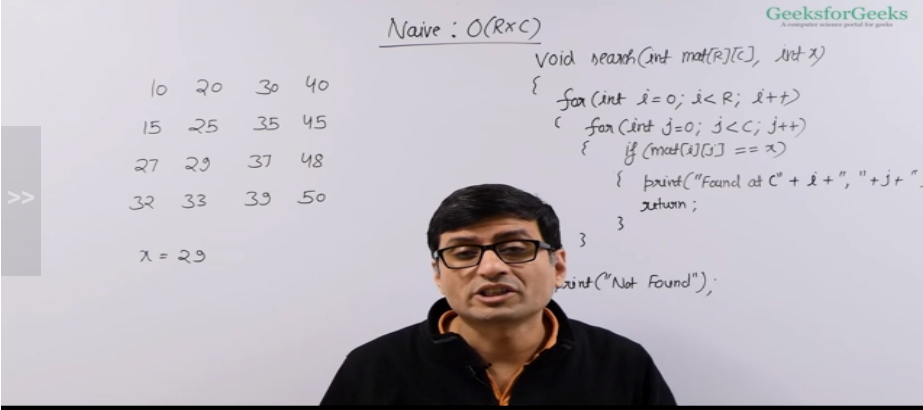




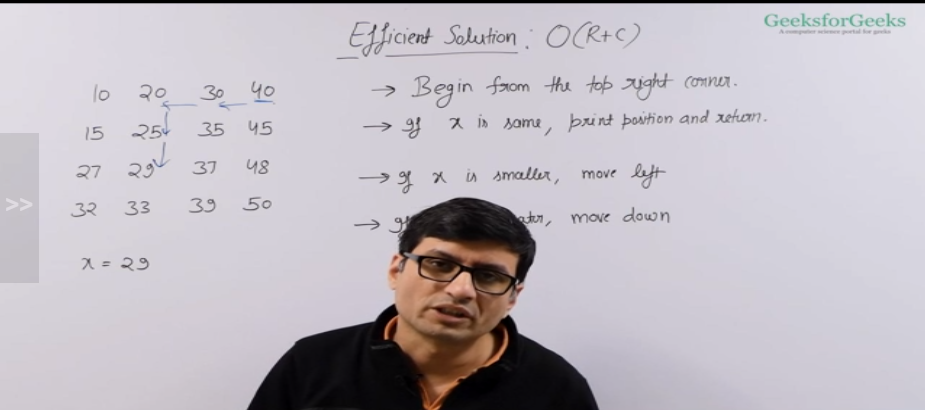
Search in row-wise and column-wise sorted matrix:

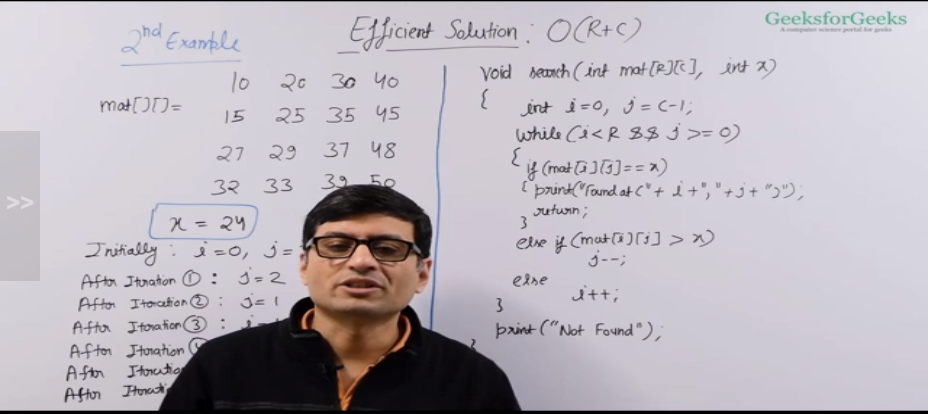


Naive sol:

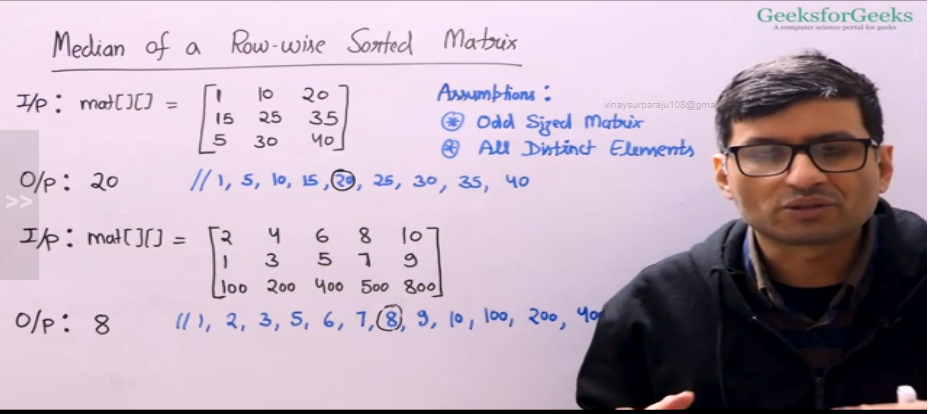


Eff sol:

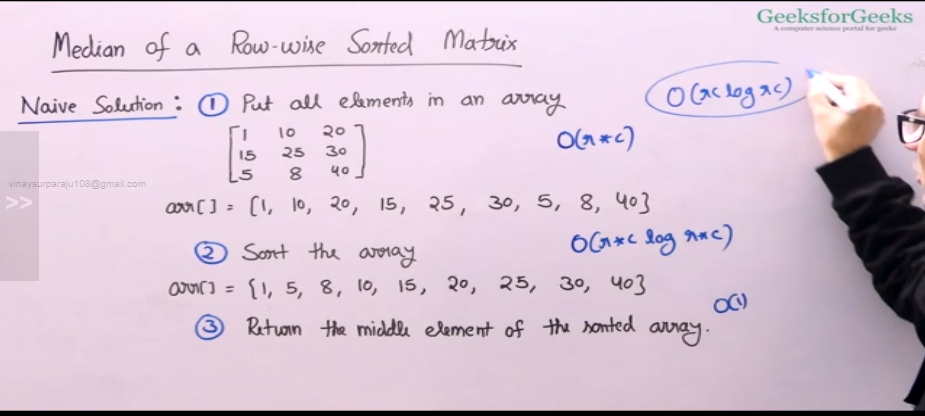




Median of row wise sorted matrix:



Naive sol:



Eff sol:

