Rotate a matrix by 90 degree without using any extra space

```
def reverseColumns(arr):
   for i in range(C):
           t = arr[j][i]
           arr[j][i] = arr[k][i]
def transpose(arr):
           t = arr[i][j]
           arr[i][j] = arr[j][i]
           arr[j][i] = t
def printMatrix(arr):
   for i in range(R):
       for j in range(C):
           print(str(arr[i][j]), end =" ")
       print()
def rotate90(arr):
  transpose(arr)
  reverseColumns(arr)
arr = [[1, 2, 3, 4],
rotate90(arr)
printMatrix(arr)
```