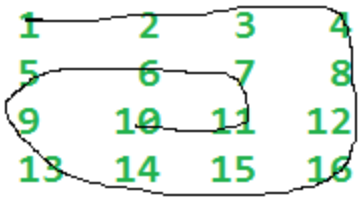
# Spirally traversing a matrix

Given a matrix of size r*c. Traverse the matrix in spiral form.

**Example 1:**

```
Input:
r = 4, c = 4
matrix[][] = {{1, 2, 3, 4},
              {5, 6, 7, 8},
              {9, 10, 11, 12},
              {13, 14, 15,16}}
Output:
1 2 3 4 8 12 16 15 14 13 9 5 6 7 11 10
Explanation:
```

**Input:**




**Output:**

**1 2 3 4 8 12 16 15 14 13 9 5 6 7 11 10**

**Example 2:**

```
Input:
r = 3, c = 4
matrix[][] = {{1, 2, 3, 4},
              {5, 6, 7, 8},
              {9, 10, 11, 12}}
Output:
1 2 3 4 8 12 11 10 9 5 6 7
Explanation:
Applying same technique as shown above,
output for the 2nd testcase will be
1 2 3 4 8 12 11 10 9 5 6 7.
```

**Your Task:**
You dont need to read input or print anything. Complete the function **spirallyTraverse()** that takes **matrix, r** and **c** as input parameters and returns a list of integers denoting the spiral traversal of matrix.

**Expected Time Complexity:** O(r*c)
**Expected Auxiliary Space:** O(r*c), for returning the answer only.

**Constraints:**
1 <= r, c <= 100
0 <= $matrix_i$ <= 100