

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:

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

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: $O(R \cdot C)$

Expected Auxiliary Space: $O(R \cdot C)$

Constraints:

$2 \leq R, C \leq 100$

$0 \leq \text{matrix}_i \leq 100$