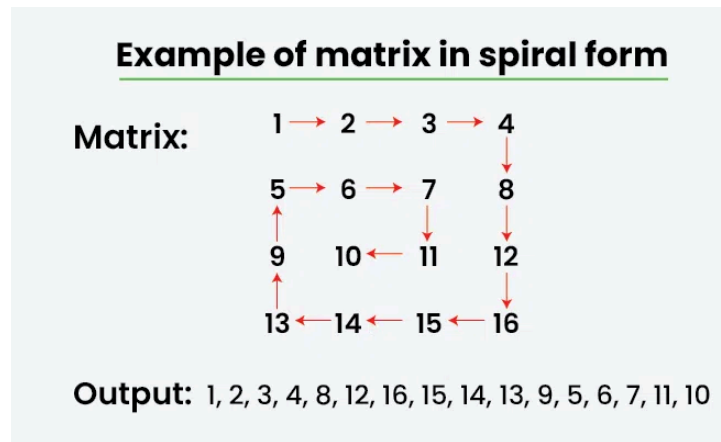**Revision Wed:**

For part 1, add the following method:

- **void spiralIteration(int [][] matrix):** Takes a matrix and prints an array of its items ordered by spiral iteration. (right, bottom, le)

Example of matrix in spiral form

Matrix:

$$1 \to 2 \to 3 \to 4$$
$$5 \to 6 \to 7 \quad 8$$
$$9 \quad 10 \leftarrow 11 \quad 12$$
$$13 \leftarrow 14 \leftarrow 15 \leftarrow 16$$

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

Sample run:

```
System.out.println("\nSpiral Iteration of Non-Square Matrix:");
int[][] nonSquareMatrix = {
    {1, 2, 3, 4},
    {5, 6, 7, 8}
};
int[][] parentMatrix = {
    {1, 0, 2, 3},
    {4, 1, 5, 6},
    {7, 8, 9, 10}
};

spiralIteration(nonSquareMatrix);
spiralIteration(parentMatrix );

1, 2, 3, 4, 8, 7, 6, 5
1, 0, 2, 3, 6, 10, 9, 8, 7, 4, 1, 5
```