Quiz 1 - Order 5 Matrix

Write a program that uses a square matrix of order 5 (5x5 array), fill the left-to-right diagonal with zeros, the lower left triangle with -1s and the upper right triangle with 1s. The output will look something like below:

| **0** | **1** | **1** | **1** | **1** |
| --- | --- | --- | --- | --- |
| **-1** | **0** | **1** | **1** | **1** |
| **-1** | **-1** | **0** | **1** | **1** |
| **-1** | **-1** | **-1** | **0** | **1** |
| **-1** | **-1** | **-1** | **-1** | **0** |

Use iterations and conditional statements in assigning values to your array. Manual assignment is not allowed.