## Fill the Matrix

Filling a matrix in the regular way (**top to bottom** and **left to right**) is boring. Write two **methods** that **fill** a **matrix** of size **N x N** in **two** different **patterns.** Both patterns are described below:

| **Pattern A** | **Pattern B** |
| --- | --- |
|  |  |

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| 3, A | 1 4 7  2 5 8  3 6 9 |
| 3, B | 1 6 7  2 5 8  3 4 9 |