## Diagonals

Using a **nested list comprehension,** write a program that reads **NxN** matrix, finds its **diagonals**, prints them and their **sum** as shown below.

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| 3  1, 2, 3  4, 5, 6  7, 8, 9 | First diagonal: 1, 5, 9. Sum: 15  Second diagonal: 3, 5, 7. Sum: 15 |