Arrai structure:

Attribute:

Ndim

Shape

Size

Array

Method:

Ones

Zeros

Identity

Full

Reshape

Arange

Table of methods to used by arrai(both vector and matrix) and its operators

|  |  |  |
| --- | --- | --- |
| operator | vector | matrix |
| Dot(a, b) | Dot of vector | - |
| @  if one of a or b are 0-D, will just do scalar multiplication | Multiplication of vector to get matrix | multiplication of matrix |
| +/- | Addition and subtraction | Addition and subtraction |