Arthematic Operators

any set of numbers which can be arranged in rectangular form

1D Array, 2D Amay, 3D Amay

Higher dimensional arrays are not so common

Matrix = 2D Array

Vector = 10 Array (row, column)

Scalars -> redors -> matrices -> matrice

1) Matrix Operation

2) Array Operation

MATLAB defines two different operations to perform.

Arthematic Addition (Matrix A-B)

Operations (Operations) A*B.

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```
Right Division
     reft Dirigion
                             A.VB
                                    (Sportions)
      Bower
      multiplication
                              A.*B
                        Added I was a series
                      dot is important
   Array Operation
 multiplication
       A. *B = a; *b; (each about by almost multiplication)
  Right Division
       A./B = aij/bij (element-by dement)
  Left Division
       A.1B = big/aig (dement by dement)
  1D Amoy is called vector
       Fixed Spaceng
T) L= d: 4: P
     a = starting point
     h = increment point
      b = marcimum possible value of the Oast-element of wector u
  fixed number of points
2)
                             [linearly spaced spaints]
     V= linspace (a,b,n)
            a = Starting value
             be end value
            Au = umpar of boung
```

A./B