NumTalk v0.1

As in NumPy main object of NumTalk is multidimensional array.
It is a table of elements ,all of numbers types , indexed by a tuple of positive integers.
Dimensions are called axes. The number of axes is rank.
For example, the coordinates of a point in 3D space [1, 2, 1] is an array of rank 1, because it has one axis.That axis has a length of 3. In example pictured below, the array has rank 2 (it is 2-dimensional).
The first dimension (axis)has a length of 2, the second dimension has a length of 3.
[[1., 0., 0.],
 [0., 1., 2.]]
NumTalk array class is called "ntArray"

1.Main attributes is:

- dimensions
- shape
- size
- data

2.Main functions:

- creation
- printing object in right format
- creation array specified arrays (quick creation of zero arrays , fill with same values e.t.c.
- arrange (min,max,step) - create array filled with values in range with step
- linspace - similar to arrange but we pass number of expected values instead of step
- random
- reshape - convert array to array of another shape example:
    a = ntArray.arrange(0,6,1):[0 1 2 3 4 5 6]
    b = ntArray.arrange(0,6,1).reshape(2,3): [[0 1] [2 3] [4 5]]
- arithmetic operations
- comparison (each element and is equal)
- sorting
- subsetting,slicing,indexing
- transposing
- concatenate
- Basic Linear Algebra
- Basic Statistics

Visualization of data using ntArray , some basic graphs, statistics data representations (bars,histogram e.t.c)
Complex numbers in future.