Java Script Amegs

You have, in CPSC 140/150 Seen lists, and possibly numpy arrays. Journ surpt arrays are very sometar.

They are an ordered complex data type, Because they are ordered each each denest can be referred to by its denest can be referred to by its index (or pisition) in The array.

 $ages = \begin{bmatrix} 22 \\ 22 \\ 31 \\ 15 \\ 18 \\ 22 \\ 61, 12 \end{bmatrix}$ ages [2]

Java script arrays -, all elements

Core of the same type, i.o.

Whats, straigs, floats, or other

arrays.

Arrays, as a special Java Script complex data type, come with a lot of built-in capabilities! ages. Push (64); -> add 64 as a new elevet, et The end. ages. pop (); , remove last alenet from the end. ages. Unshift (27); -> all 17 at the seginning.

Iterators

We cam, of course, use for loops
to progress through each element of
an array, e.g.

for (let i=0; il ages. length; i++) {

console, log (ages [:]);

2

Mis works, but it is S. L. ... O... W! For large arrays, it can be painfully slow.

There are these things called iterators that allow for very fast processing of anys allow for very fast processing of anys in Java Script. Think 17st comprehension in Dymon, if you know that that is in Pymon, if you know that that is

· (a cas):

les. for age must (age)

Two methods:

for (item of ages) {

console.log (item);

mis.

?

(2) ages for Each (function (item) {

corplex. 3)