ARRAYS AND VECTORS

Containers

Have defined rules for access

Are collections of objects

Containers

Arrays

Vectors

Arrays

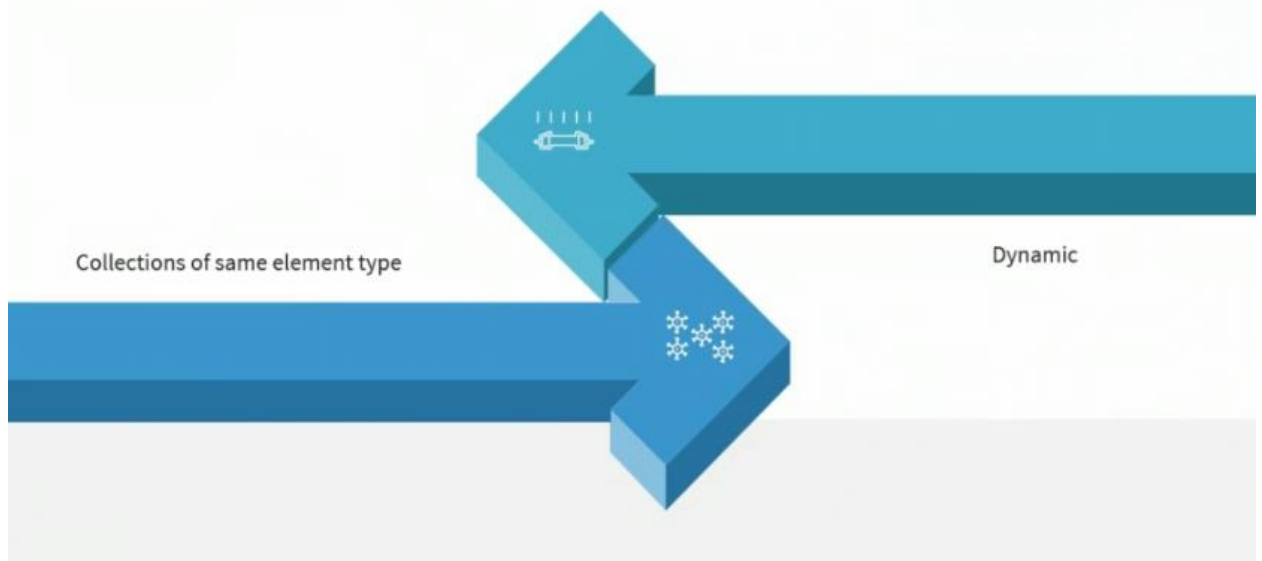| Group of items	Shared data type	Static size

Array Size

Use arrays when the size is known in advance

If size changes, existing array must be copied into newly-created array

Vectors

Collections of same element type

Dynamic

Advantages of Vectors vs. Arrays

Vectors can be resized

Automatic memory management

Sorting

Standardized