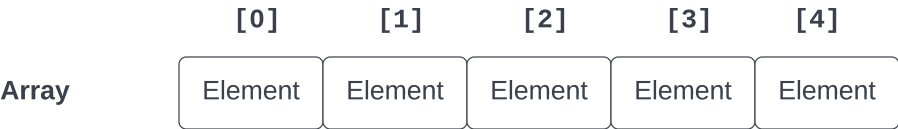
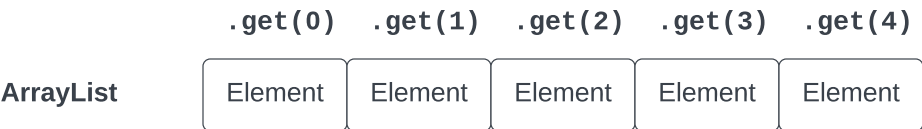


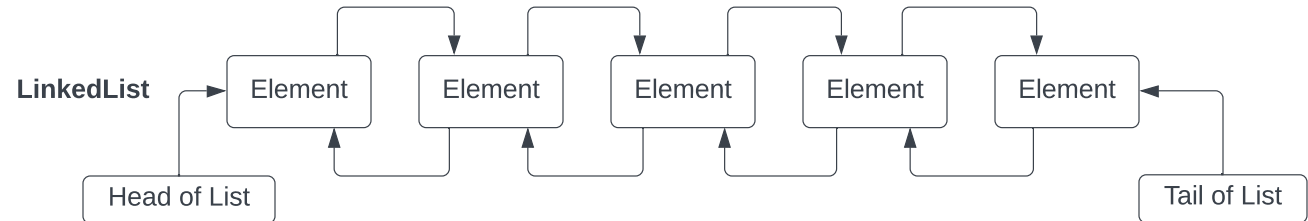
U6S2M1 - Collection Class Objects Illustrated



Array is fixed size;
Size must known at instantantiation;
Cannot add or remove element;
Access is by index []



ArrayList is variable size;
Add or remove elements;
Access via get() , add(), remove() methods;
Somewhat inefficient when add/remove elements



LinkedList is variable size;
Add/remove elements
Access via add(), addFirst(), addLast(), getFirst(), getLast(),
get(), listIterator
More efficient that ArrayList, Stack when add/remove elements



Queue is variable size;
Only add elements to end - **add()**
Only retrieve elements from the beginning - **poll()**
FIFO (First-In, First-Out) data structure
Once an element is retrieved, it is removed from the Queue

