Basic Data Structures ADT

## Linked List

Insert at front

Insert at end

Remove from front

Remove from end

Insert After

Insert Before

Remove After

Remove Before

Remove Value

Duplicate List

If Empty

Size

Print

Destroy

## Stack

Push

Pop

If Empty

Size

Print

Destroy

## Queue

Push

Pop

If Empty

Size

Destroy

## Array

Initialize

Assign value

Access value

Size

## Vector

Initialize

Size

Max Size

Push back

Assign Value

Access Value

## Deque

Push Front

Push Back

Pop Front

Pop Back

If Empty

Size

Destroy