## **DSAlinkedL** - DSAlistNode: head - DSAlistNode: tail + iterator(): Iterator + DSAlinkedL() + IsEmpty(): boolean + peekFirst(): String + peekLast (): String + removeFirst (): String + removeLast() : String + insertFirst(newVal) : void + insertLast(newVal) : void + find (String): String + displayItem(): void linkedListIterator **DSAlistNode** - DSAlistNode iterableNext - DSAlistNode next - DSAlistNode prev - String val + linkedListIterator (DSAlinkedL) + next(): String + getVal(): String + hasNext() : boolean + getNextl(): DSAlistNode + remove(): void + getPrev(): String + setPrev(): void + setVal(String) : void + setNext(DSAlistNode) : void + setNext(): void

## DsaStack

- DSAlinkedL stac
- DSAlistNode iterableNext
- + DsaStack()
- + pop(): String
- + push(String) : void
- + top(): void
- + linkedListIterator
- (DSAlinkedL)

## DsaQ

- DSAlinkedL q
- + DsaQ()
- + enqueue( String ) : void
- + dequeue(): void
- + peek(): String