

# Computer Science 367 Midterm Exam Reference Sheet

Turn this sheet in along with your exam.

## List ADT methods

void add(E item)  
void add(int pos, E item)  
boolean contains(E item)  
int size()  
boolean isEmpty()  
E get(int pos)  
E remove(int pos)  
Iterator iterator()

## Queue ADT methods

boolean isEmpty()  
void enqueue(E item)  
E dequeue()

## Iterator<E> methods

boolean hasNext()  
E next()  
E remove()

## Listnode<E> methods/constructors

Listnode(E data)  
Listnode(E data, Listnode next)  
E getData()  
Listnode getNext()  
void setData(E item)  
void setNext(Listnode next)

## DbListnode<E> methods/constructors

DbListnode(E data)  
DbListnode(DbListnode prev, E data, DbListnode next)  
E getData()  
DbListnode getNext()  
DbListnode getPrev()  
void setData(E item)  
void setNext(DbListnode next)  
void setPrev(DbListnode prev)

## Comparable<T> methods

int compareTo(T item)

## Stack ADT methods

boolean isEmpty()  
void push(E item)  
E pop()  
E peek()

## PriorityQueue ADT methods

boolean isEmpty()  
void insert(Comparable item)  
Comparable removeMax()  
Comparable getMax()