

Name: _____ Date: _____

Queues

In this assignment you will write a class `Queue` that implements a queue based on a doubly linked list. Your class should extend the doubly linked list class.

```
class Queue extends LinkedList {

    private int size;

    // Create your constructor for your class
    public Queue(){

    }

    // Add an element to the Queue
    public void add(int data){

    }

    // Removes the first element in the queue and returns it.
    public int remove(){
        int data;

        return data;
    }

    // Returns the size of the queue
    public int size(){

    }

}
```