

CS180 - Linked queues

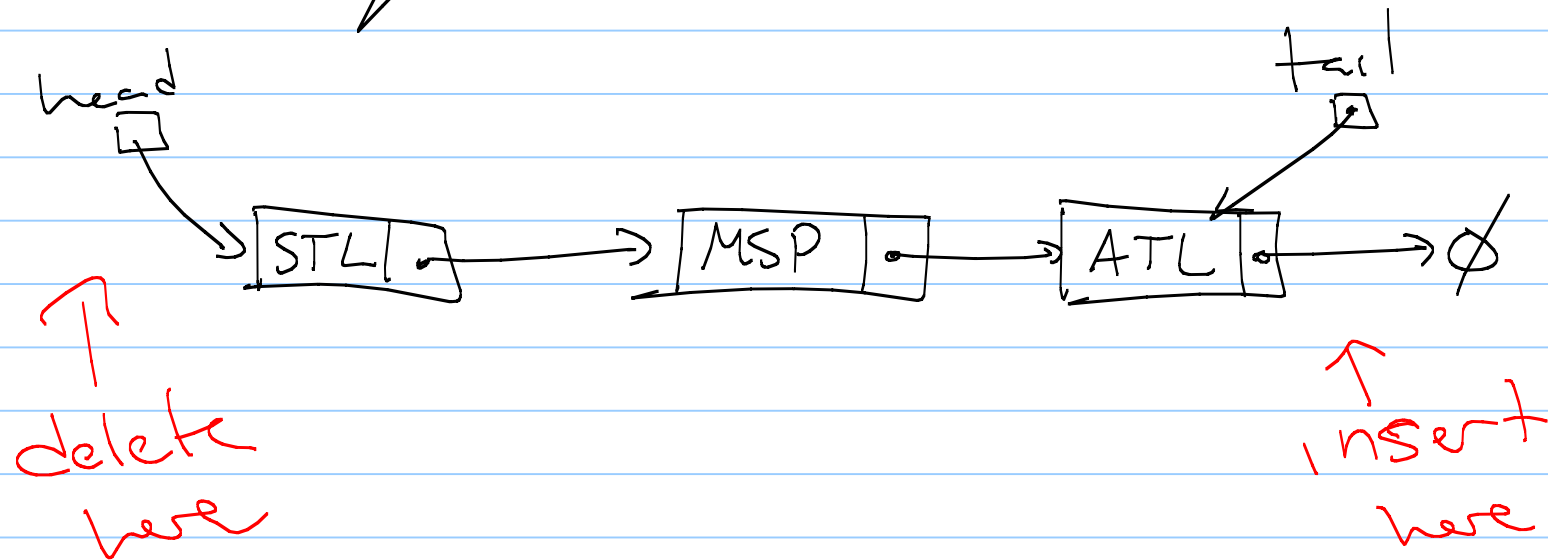
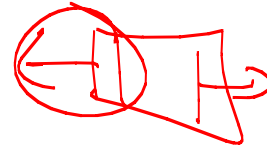
Note Title

9/7/2010

Announcements

- Office hours moved from Monday to Friday this week
- HW due Saturday
- **Linked List will be up tonight**
- Review session in 1 week, + exam 1 is next Tuesday
- **Next program will be up this week, due in ~2 weeks**

Linked queues



not going to use SinglyList
(or DLinked List)

```
template <typename Object>
class Linked Queue {
```

```
private :
```

```
class QNode {
```

```
private:
```

```
Object _data;
```

```
QNode _next;
```

```
}
```

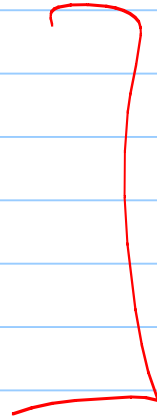
```
QNode * _head;
```

```
QNode * _tail;
```

```
int _size;
```

Functions

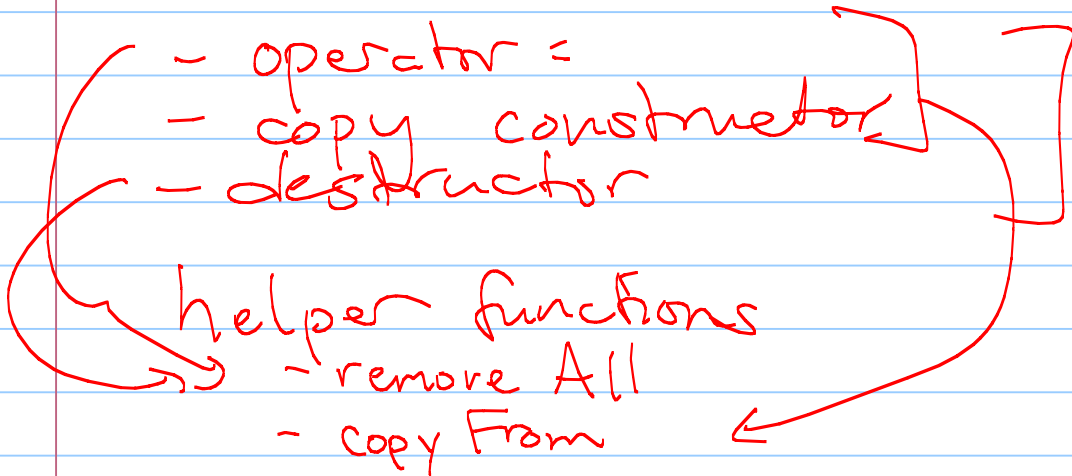
- constructor
- size
- front
- push
- pop
- empty

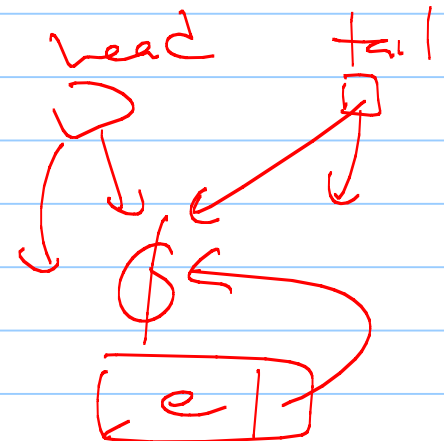
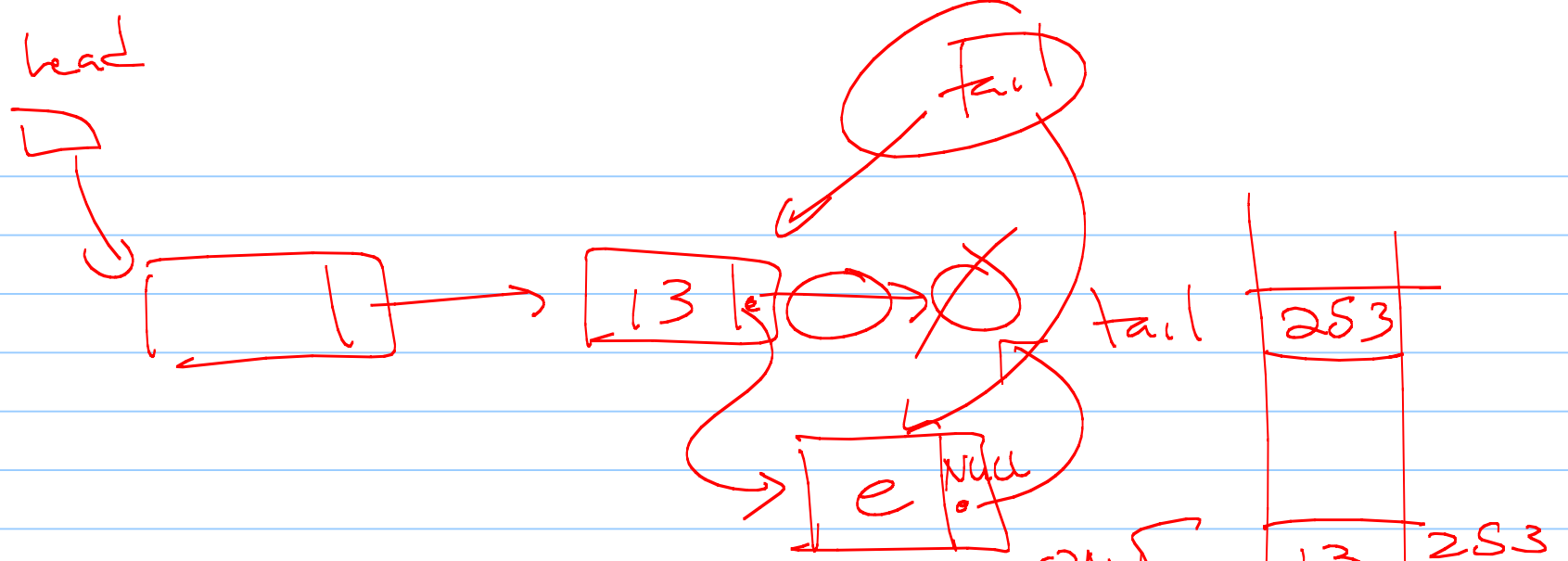


- operator =
- copy constructor
- destructor

helper functions

- remove All
- copy From





`_tail -> _next`

`_size`

QNode

