IntQueue.h 2011-10-20

```
#ifndef INTQUEUE_H
#define INTQUEUE_H
#include <iostream>
#include <string>
#include <sstream>
class IntQueue
{
    public:
        IntQueue ();
        bool isEmpty () const;
        bool isFull () const;
        bool dequeue (int& x);
        bool enqueue (const int& x);
        int length () const;
        std::string display ();
    private:
        int size;
        struct Node {
            int elem;
            Node * next;
            Node (const int& x)
                elem = x;
                next = NULL;
            }
        };
        Node * front, * back;
};
```

#endif