

```
//  
// CPTN278_A5_Queue_Bettle1.h  
//  
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//  
// Queue Class Header File.  
//  
// Queue implementation is dynamicall linked list based.  
// Queue uses an External Node.  
// Queue has Error checking.  
//  
#ifndef QUEUE_H  
#define QUEUE_H  
  
#include <iostream>  
#include <iomanip>  
#include <string>  
using namespace std;  
  
#include "CPTN278_A5_Node_Bettle1.h"  
  
class Queue  
{  
private:  
  
    Node *front;  
    Node *back;  
    int count;  
  
public:  
    Queue();  
    bool Is_Empty(void); // Could be private but this also leaves error checking option to user  
    bool Is_Full(void); // Could be private but this also leaves error checking option to user  
    bool Enqueue(Node *);  
    bool Dequeue(void);  
    Node *Front(Node *);  
    Node *Back(Node *);  
    ~Queue();  
};  
#endif//
```