Sicily

Stack, Queue, List
Contest ends in 1 days 6 hours

Home   Problems   My Status   Standing   Questions   Clarifications   Back   <->

1006. Queue Implementation Using a Circular Array

Total: 352   Accepted: 62

Time Limit: 1sec   Memory Limit:256MB

Description

template <typename T> class Queue {
public:
    Queue();   // construct an empty queue
    ~Queue() // destructor
    Queue(const Queue &rhs);
    const Queue & operator = (const Queue &rhs);
    bool empty()const;
    bool full()const;
    int size()const;
    bool push(const T &x);//enqueue
    bool pop();//dequeue
    const T & front()const;//returns a reference to the front element
private:
 //using a static array of size 100.

};

Input

None

Output

None

Hint

Submit your implementation only.

Problem Source: ADTs: Implementations and Applications

Submit

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