

Reasoning Table for dequeueTwo

```
void dequeueTwo(QueueOfT& q, T& y, T& z);
    //! updates q
    //! replaces y, z
    //! requires  |q| > 1
    //! ensures   q = #q[2,|#q|)  and  <y> is prefix #q  and  <z> is prefix #q[1,|#q|)
```

State	Code	Assume	Confirm
0			
	q.dequeue(y);		
1			
	q.dequeue(z);		
2			

Reference:

```
void dequeue (T& x);
    //! updates self
    //! replaces x
    //! requires: self /= <>
    //! ensures: <x> is prefix of #self  and  self = #self[1, |#self|)
```