Exercise – Stacks and Queues

Instructions	Return Value	State of the Stack X
X.push (4);		
X.push (3);		
X.pop ();		
X.push (7);		
X.peek();		
X.push(2);		
lowing operations, assu	the state of the initially empty uming the front is on the left:	
ue Operations. Trace		queue X that holds integers t State of the Queue X
ue Operations. Trace owing operations, assu	iming the front is on the left:	
ue Operations. Trace owing operations, assu	iming the front is on the left:	
ue Operations. Trace owing operations, assu Instructions X.enqueue(4);	iming the front is on the left:	
ue Operations. Trace owing operations, assu Instructions X.enqueue(4); X.enqueue(1);	iming the front is on the left:	
ue Operations. Trace owing operations, assument instructions X.enqueue(4); X.enqueue(1); X.first();	iming the front is on the left:	
ue Operations. Trace owing operations, assu Instructions X.enqueue(4); X.enqueue(1); X.first(); X.dequeue();	iming the front is on the left:	