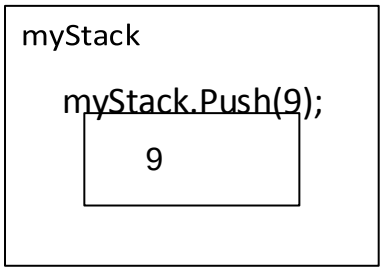
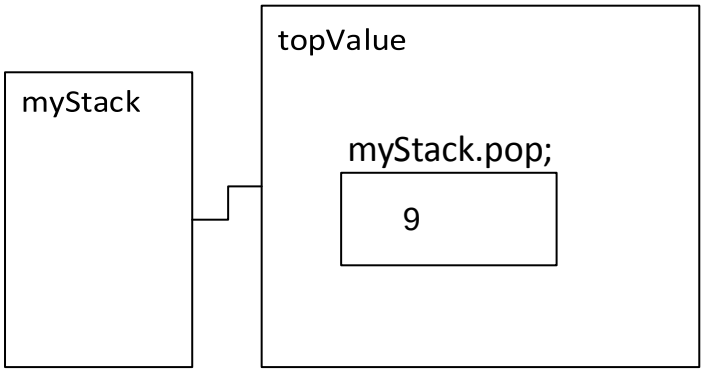
1. Trace stack myStack through the following operations (show what the stack looks like following each operation):

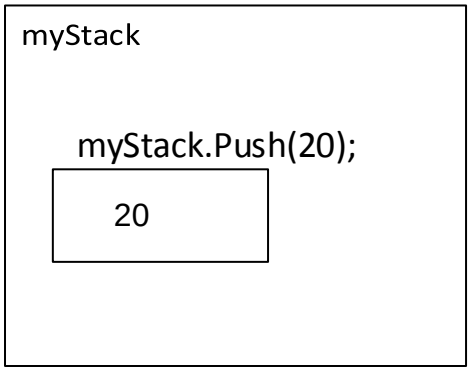
myStack.push (9);



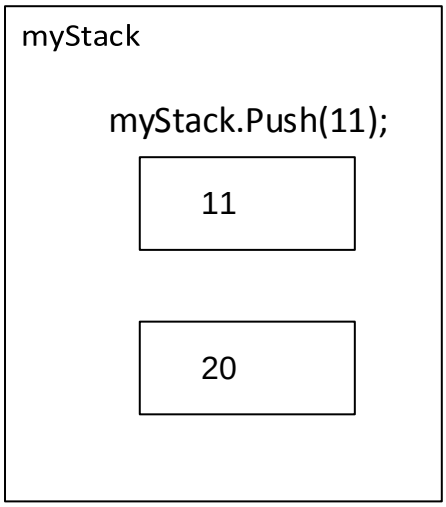
int topValue = myStack.pop () ;



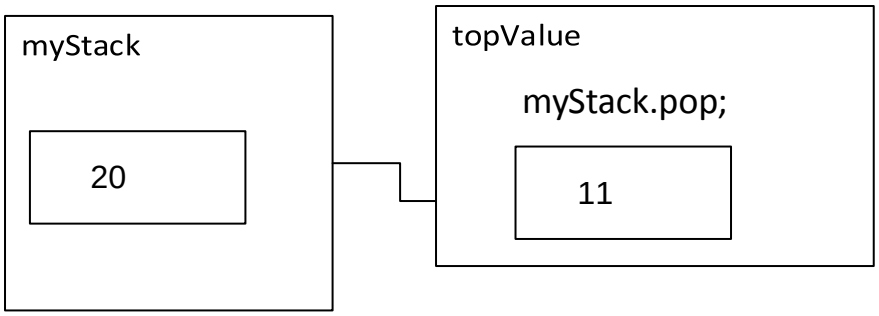
myStack.push (20);



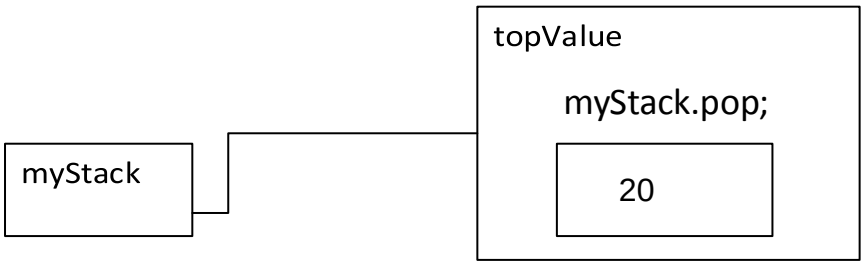
myStack.push (11);



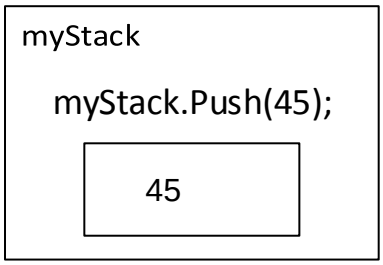
topValue = myStack.pop ();



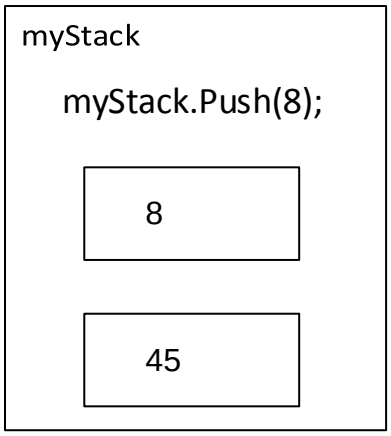
topValue = myStack.pop ();



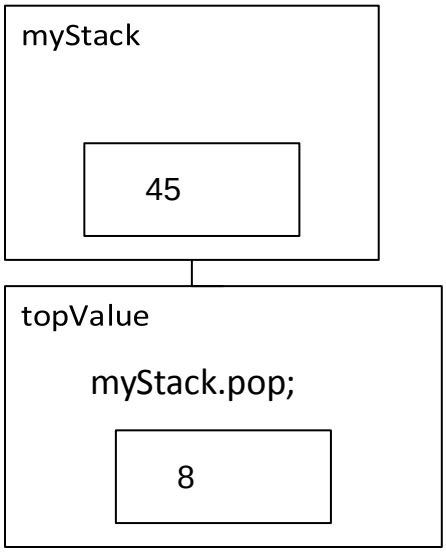
myStack.push (45);



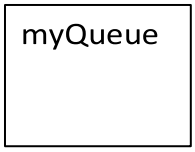
myStack.push (8)



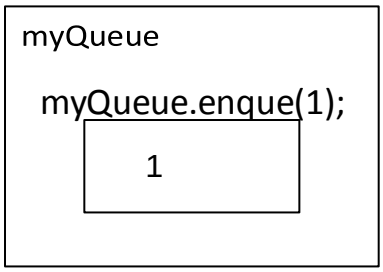
topValue = myStack.pop ()



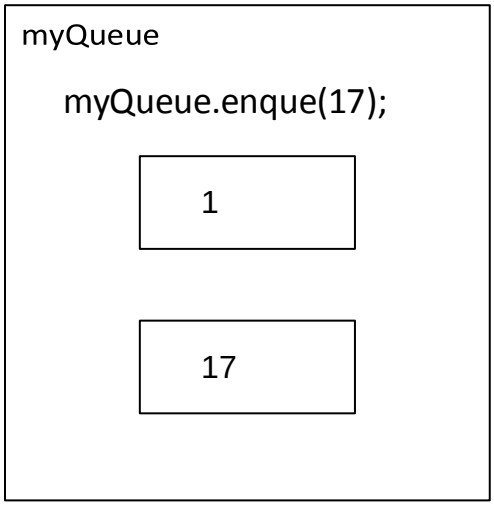
2. Trace queue myQueue through the following operations (show what the queue looks like following each operation):



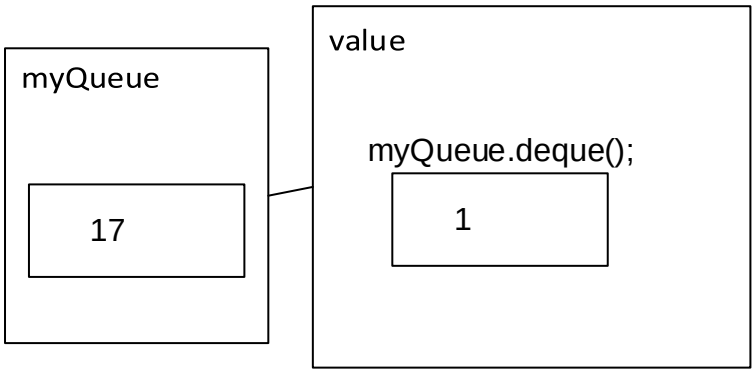
myQueue.enque (1);



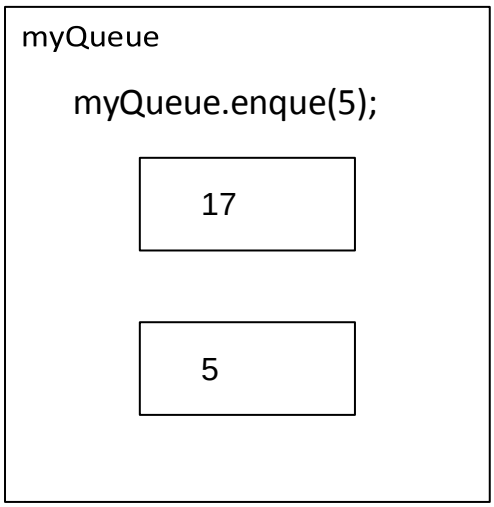
myQueue.enque (17);



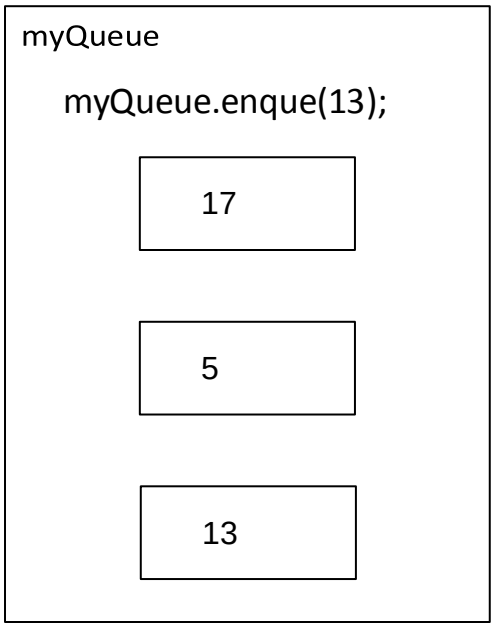
int value = myQueue.deque ();



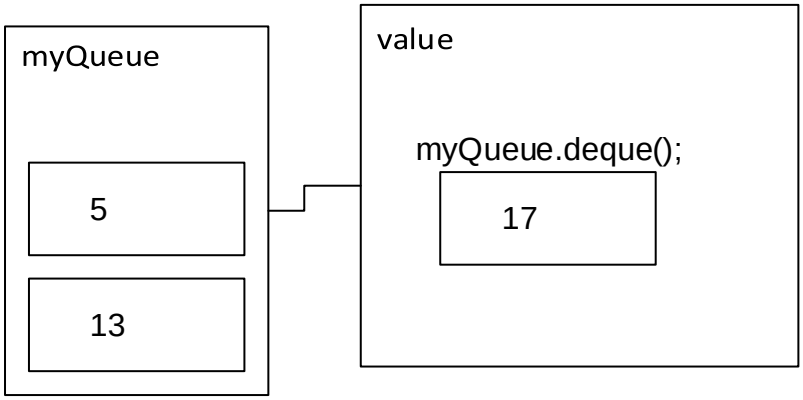
myQueue.enque (5);



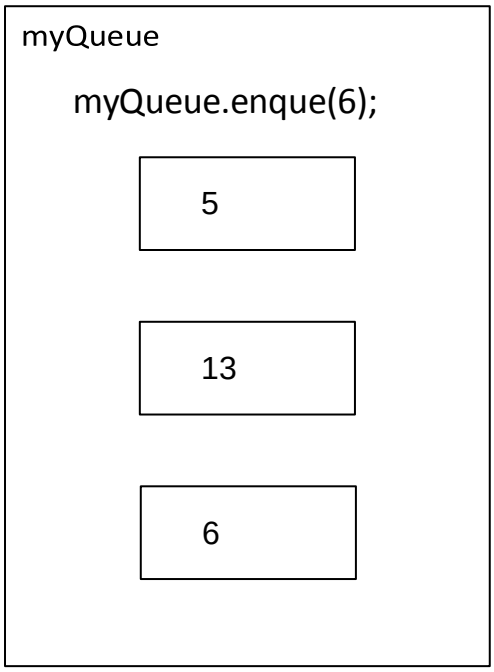
myQueue.enque (13);



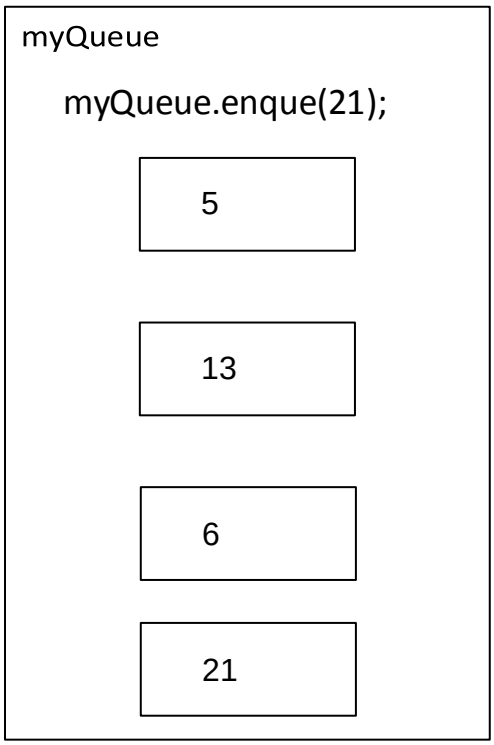
value = myQueue.deque ();



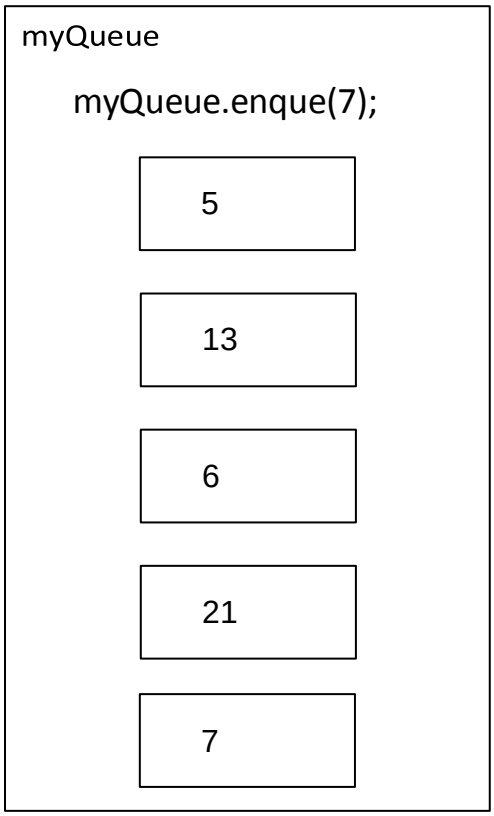
myQueue.enque (6);



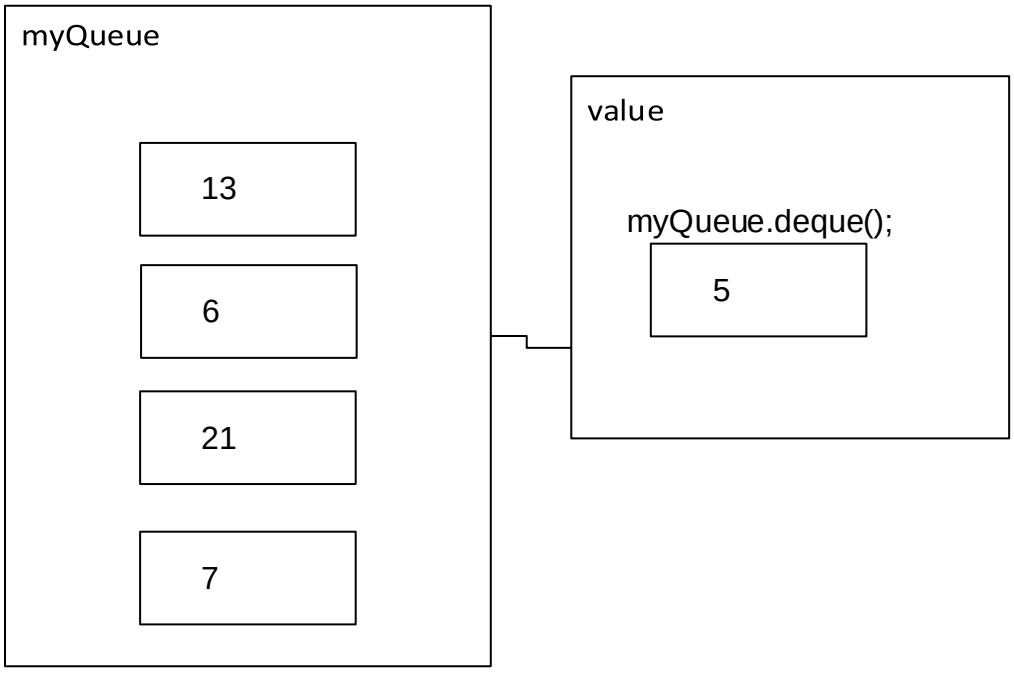
myQueue.enque (21);



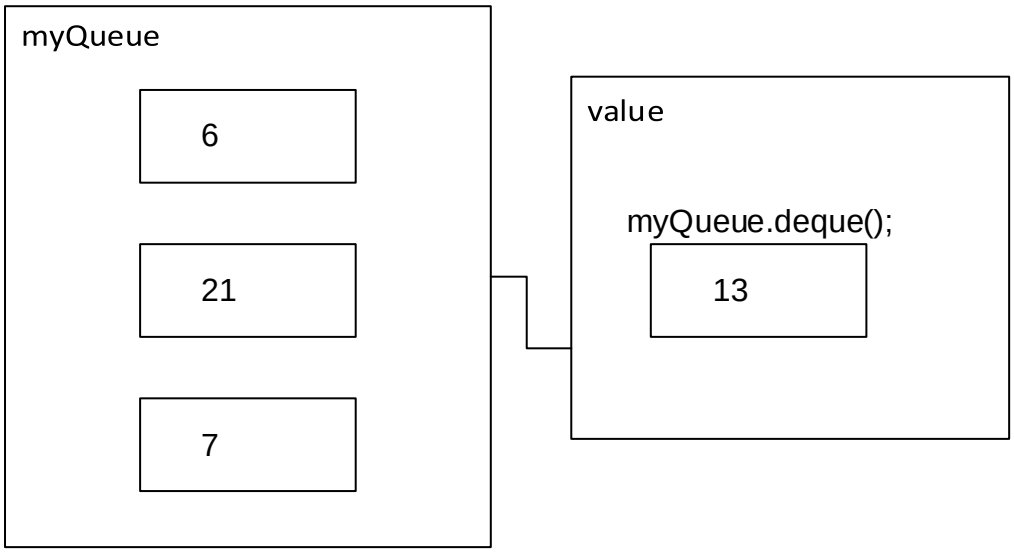
myQueue.enque (7);



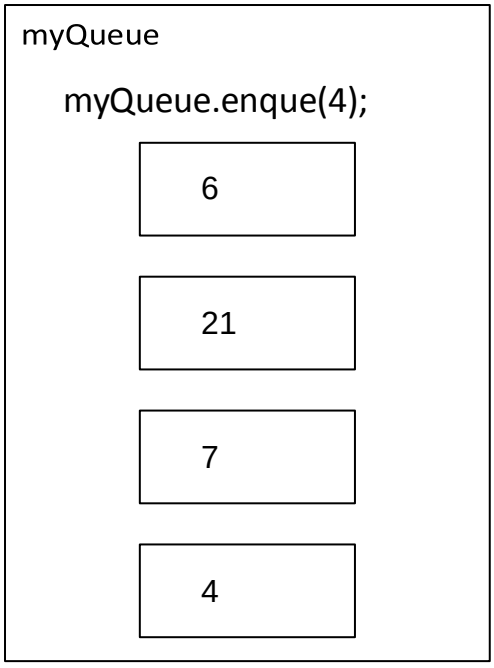
value = myQueue.deque ();



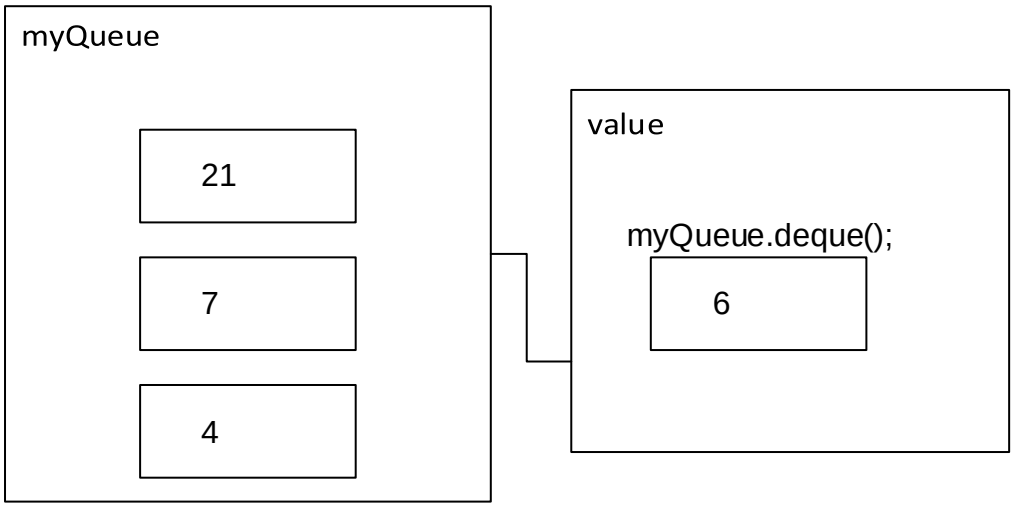
value = myQueue.deque ();



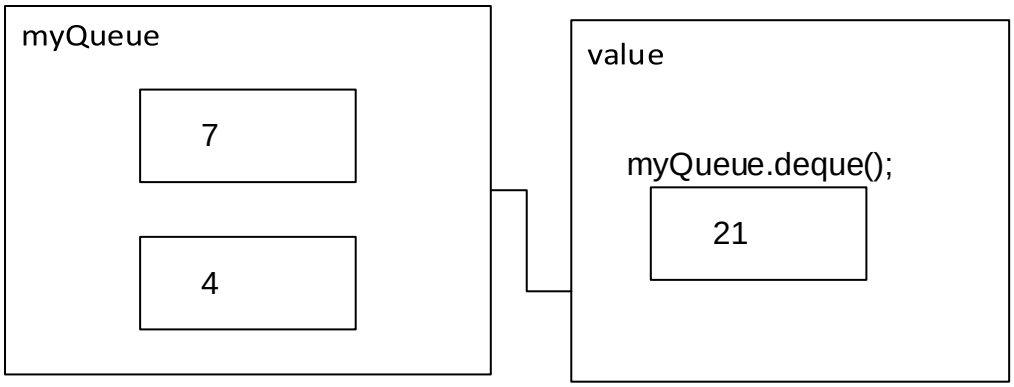
myQueue.enque (4);



value = myQueue.deque ();



value = myQueue.deque ();



value = myQueue.deque ();