import collections  
class deque:  
      def methods(self):   
            de = collections.deque([1,2,3,4])   
            de.append(6)   
            print (" appending at right is : ")   
            print (de)   
            de.appendleft(7)   
            print (" appending at left is : ")   
            print (de)   
            de.pop()   
            print (" deleting from right is : ")   
            print (de)   
            de.popleft()   
            print ("deleting from left is : ")   
            print (de)   
M=deque()  
M.methods()