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CMPT 435 - Assignment #4
   1)
           a) Array
           b) Linked List
           c) Stack
           d) Hash Table
   2)
           a)
                 i)
                       Loop through arr1 such that all items in arr1 are stored in the hash set
                 ii)
                       Loop through arr2 and compare the values stored in the hash set
                iii)
                      Output: B[] is/isn't a subset of A[]
           b) Input: hash set
               for ( int i = 0; i < n1; i++ ) {
                       if (!hs.contains( arr1[i] ) ) { Output: hs.add( arr1[i] ) }
                                                                                   // O(n)
               for ( int i = 0; i < n2; i++ ) {
                       if ( !hs.contains( arr2[i] ) ) { Output: return false }
                                                                                    // O(1)
               }
               return true
               Output: B[] is/isn't a subset of A[]
           c) O(n) = n
   3) Input: linked list
       while( temp != null ) {
               if( temp.next != null && temp.next.data < min.data ) {</pre>
                       Output: min = temp.next, prev = temp
               temp = temp.next
       }
       if( min != head ) { Output: prev.next = min.next }
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else { Output: head = head.next }