2.

a. Recursion tree for sun-ustz(lst.low.high): (len (lst) = n

(st[bu) sum_lst2(lst, low-ligh) O(1)

(st[bu+2] sum_lst2((st, low+2, high) O(1)

(st[bu+2] sum_lst2((st, low+3, high) O(1)

(st[bu+2] sum_lst2((st, low+3, high) O(1)

(st[bu+3] sum_lst2((st, high) high)

workt case in

(st [high]

b. (st [high]

3. Sum-ly 2 (bt. low, high) is asymptotically faster because it is.

O(n) compared to O(n2).