List

6.2.1:

a) length: 5

d) null, (2), (7), (1), (8), (2,7), (2,7,1), (2,7,1,8),(2,7,1,8,2), (7,1), (7,1,8), (7,1,8,2), (1,8), (1,8,2), (8,2)

e) 32

f) 2

g) (7,1,8,2)

6.2.2:

a) length: 6

d) null, b, a, n, ba, ban, bana, banan, banana, an, ana, anan, anana, na, nan, nana,

e)null 3

f) b

g) anana

6.2.3:

a) largest: n+1

   smallest: 1

b) largest: $2^{(n-1)}$

  smallest: 1

c) largest: 2^n

smallest: 1

6.2.4:

Length of L: 2