```
def sum-1st 1(1st):
   if (en((st) ==1:
                            \theta(n)
       return (steo);
    else
       rest = sum_(st((st[1:])
       Sum = 18+CO] + rest
       return Sum
    0 (K)
                 .n (evels of b(n)
    9 (K)
               Time Complexity:
n-2 f(R)
N-3 P(K)
                     b ( 12)
n-(n) Y(K)
```

def sumlet 2 (1st, low, high): if (low==high): return (stclow] else: rest = sum_1sf2(lst, bu+1, high); Sum = IstElow] + nest return sum 6(1) N Also n levels of O(i) each B(1) N-1 Time Complexity

B(r) 1 N-2 A(1) n-(n) O(1) Implementation 2 is faster.

2) N-1 N-1 N-1 N-1 N-2 N-2

b) n $\log_2(n)$ levels of constant time n/12 n/14 n/18 m/18