

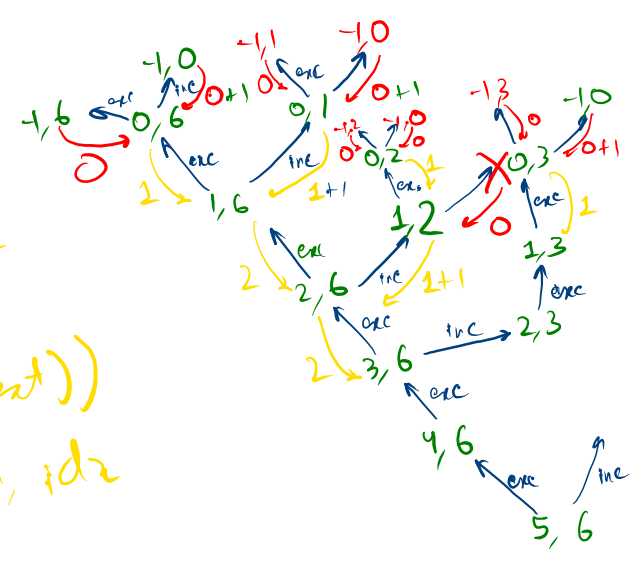
LIS  
 [2, 5, 3, 200, 7, 101]

2 3 7 101  
 2 5 7 101  $> 4$

idx, next

exc → idx-1, next  
 if (arr[idx] < arr[next])  
   inc = idx-1, idx

→ max(inc, exc)



2, 5, 3, 200, 7, 101 ∞  
 0 1 2 3 4 5 6

