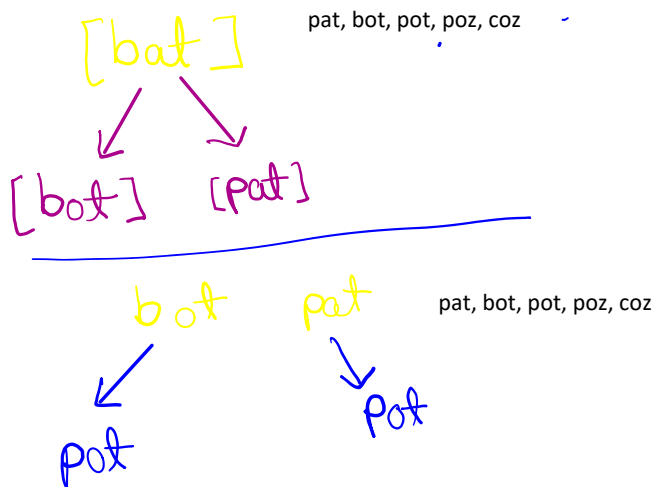


pat, bot, pot, poz, coz

bat -----> coz



pot  
↓  
poz

pat, bot, pot, poz, coz

answer ⇒ 4

poz  
↓  
coz

pat, bot, pot, poz, coz

[bat, pat, pot, poz, coz]: 9 L4  
 [bat, bot, pot, poz, coz]: 8  
 [bat, pat, pot, poz]: 7 L3  
 [bat, bot, pot, poz]: 6  
 [bat, pat, pot]: 5  
 [bat, bot, pot]: 4  
 [bat, pat]: 3  
 [bat, bot]: 2  
 [bat]: 1  
 initial state = [bat]

~~pat, bot, pot, poz, coz~~