

	Rank:
1) 13) \$ \$ \$	1
2) a b b	2
7) a b b	2
8) a d a	3
10) a d p	4
4) b a d	5
9) b a d	5
3) b b a	6
8) b b a	6
6) d a b	7
11) d p \$	8
12) p \$ \$	9
1) y a b	10

$SA = (T)_{1, 2, 3, 4, 5, 6, 7, 8, 9}$

$T = [10, 5, 2, 4, 1, 2, 3, 6, 8]$

$SA(T)$

$SA_{1,2} = [13, 2, 7, 5, 10, 4, 8, 11, 1]$

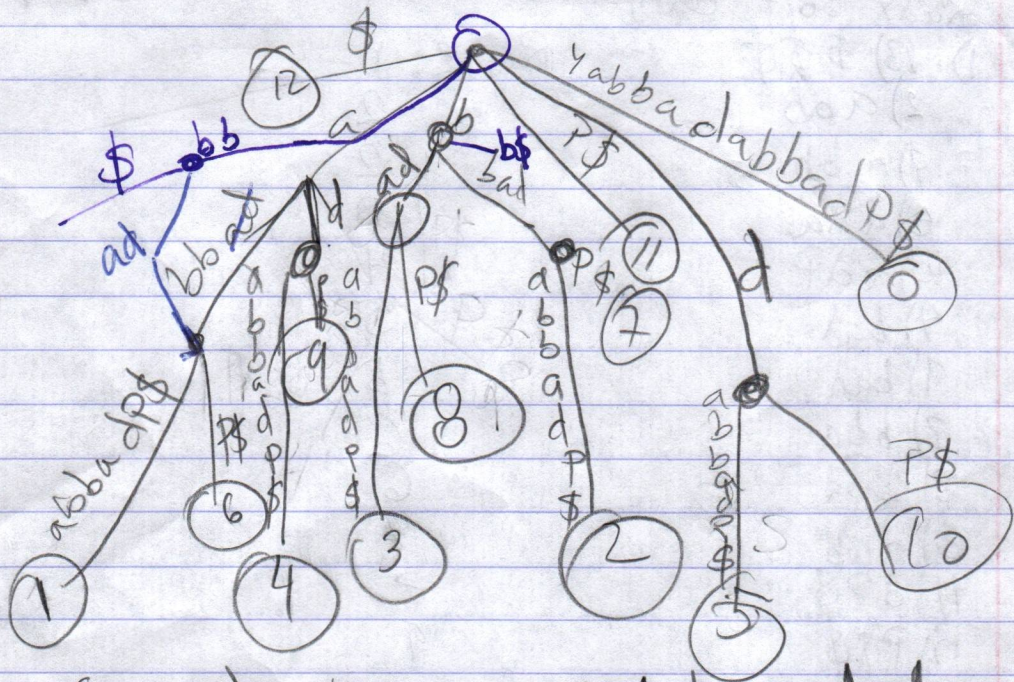
2) $O(m \log n)$ where $n = |P|$ $n = 11$

$T[8] \leq P \rightarrow T[4] \leq P \rightarrow T[6] \leq P \rightarrow T[7] \leq P$

3) $O(m + \log n)$

$LCP[] = [3, 1, 2, 0, 1, 0, 0]$

4) $T = yabbada bbadp\$$ $P = abb$



$O(m+n)$ where $m = |P|$ & $n = |T|$

5) ~~$n \times (n+1) =$~~ \rightarrow $\frac{3}{2}n = \text{nodes}$ $\frac{3}{2}n - 1 = \text{edges}$ $\text{internal node} \geq 3$