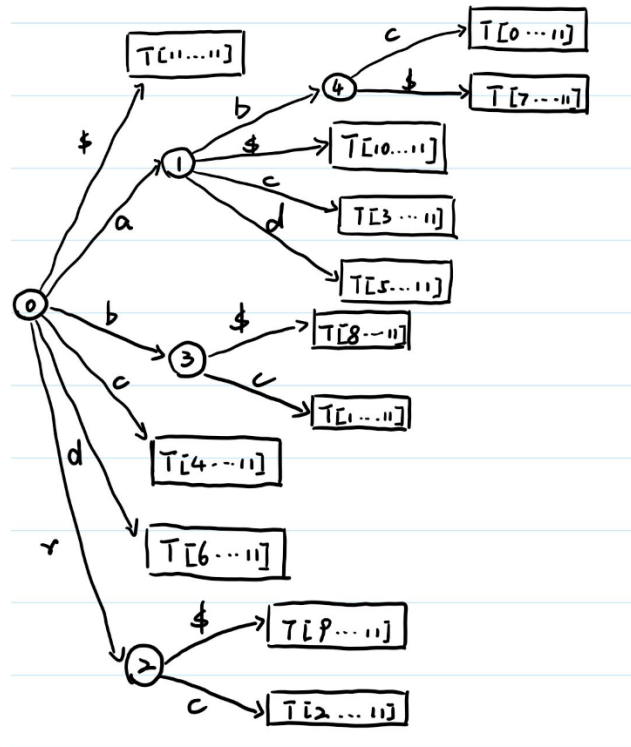


## Assignment 5 Problem 5

- a) Draw the suffix tree corresponding to the text  $T = \text{abracadabra}$ .
- b) Construct suffix array for  $S = \text{balbes}$ .

Solution:

a)



b)  $S = \text{balbes}$

Suffix array =

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| 6 | 1 | 0 | 3 | 4 | 2 | 5 |
|---|---|---|---|---|---|---|

Index:            0            1            2            3            4            5            6