

Assignment 5

Timothy Yong, Eric Bronner, Aedan Dispenza, Jason Davis

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PROBLEM 1

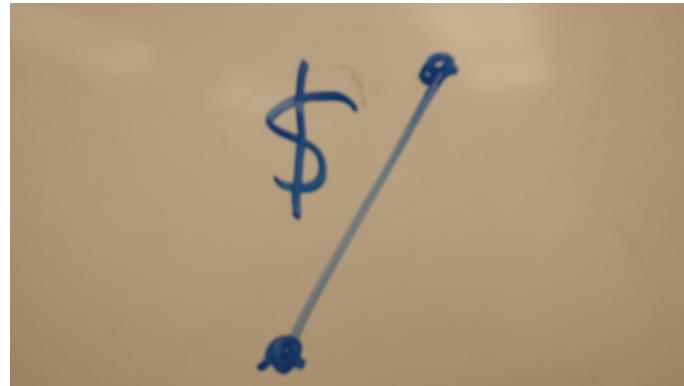


Figure 1: The suffix tree for the empty string concatenated with a dollar sign.

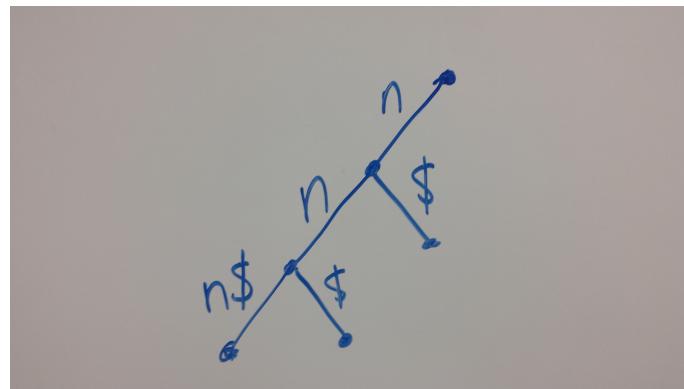


Figure 2: The suffix tree for the string nnn(dollar), featuring edge label n (dollar) of length $n/2$.

PROBLEM 2

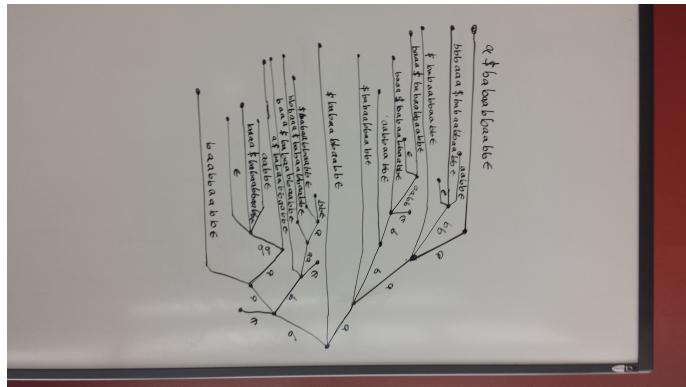


Figure 3: The longest substring is “abbaabb”.

Tree is upside-down, sorry.

PROBLEM 3

- a) I don't know
- b) I don't know
- c) I don't know