Exercise 1.
Given text $T=tacaacaatacg$:

- Develop an algorithm to compute all lcp intervals given an lcp table.
- Apply this algorithm to compute all lcp intervals for the lcp table of $T$.

Exercise 2.
For text $T$ in Exercise 1 compute:

- the child table $(up, down, next/Index)$ by hand.
- the compressed child table using the $constructChildTable$ algorithm from the script.

Exercise 3.
Top down traversal:

- Use the enhanced suffix array constructed in Exercise 2 to find all occurrences of the pattern $caa$