

Suffix trees, the Burrows-Wheeler Transform, and de Bruijn graphs

Group members (1 to 3): _____

- (1) Compute the Burrows-Wheeler transform of the string $HOOHOO\$$. The symbol $\$$ indicates the end of a string, and should be considered to come lexicographically before any other character.

- (2) Use the work you did in the previous exercise to help construct a suffix tree for $HOOHOO\$$. (The edges coming out of each node should be labeled with distinct starting letters, and every suffix should be constructable along a path from the root node.)

- (3) Construct all the possible strings which could have generated the following de Bruijn graph (use each edge only once).

