

Tutorial 10: November 23

1. Apply Huffman encoding on the string $s = \text{CELESTEELA}$. Show the resulting decoding trie and give the encoding for s .
2. Consider Run-Length Encoding compression.
 - a) Encode the string $s = 111111110000011110111111000000000000000000000$ using RLE.
 - b) Decode the string $c = 111001011010010011$ using RLE.
3. Consider the Burrows-Wheeler Transform.
 - a) Encode the following string using BWT: TORONTO
 - b) Decode the following string using the inverse BWT: IPSSM\$PISSII