Exercise Sheet 6

Subject: Compression Part 2

Aufgabe 1: LZW Compression

Use the Lempel-Ziv-Welch Algorithm to encode and decode the following string of characters:
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Aufgabe 2: Huffman Coding

Generate the Huffman code (incl. code tree) for the following symbols.:

Symbol	A	R	Y	O	S	T	X	U
Probability of Occurrence	30.1%	17.5%	21.5%	14.9%	9.3%	2.2%	2.3%	2.2%