GRP 11:

Aufgabe 1) Tabelle (siehe auch Code):

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__author__   = "7093700, Schenk"
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character: , absolute: 22 , relative: 0.206 , entropy: 0.469 , huffman-code: 100 , mid code-word-lenth: 15.639

character: , , absolute: 3 , relative: 0.028 , entropy: 0.145 , huffman-code: 11010 , mid code-word-lenth: 15.639

character: a , absolute: 4 , relative: 0.037 , entropy: 0.177 , huffman-code: 11110 , mid code-word-lenth: 15.639

character: b , absolute: 2 , relative: 0.019 , entropy: 0.107 , huffman-code: 110111 , mid code-word-lenth: 15.639

character: d , absolute: 4 , relative: 0.037 , entropy: 0.177 , huffman-code: 11111 , mid code-word-lenth: 15.639

character: e , absolute: 10 , relative: 0.093 , entropy: 0.32 , huffman-code: 1110 , mid code-word-lenth: 15.639

character: f , absolute: 1 , relative: 0.009 , entropy: 0.063 , huffman-code: 011010 , mid code-word-lenth: 15.639

character: g , absolute: 4 , relative: 0.037 , entropy: 0.177 , huffman-code: 0000 , mid code-word-lenth: 15.639

character: h , absolute: 5 , relative: 0.047 , entropy: 0.207 , huffman-code: 0100 , mid code-word-lenth: 15.639

character: i , absolute: 7 , relative: 0.065 , entropy: 0.257 , huffman-code: 1011 , mid code-word-lenth: 15.639

character: k , absolute: 1 , relative: 0.009 , entropy: 0.063 , huffman-code: 011011 , mid code-word-lenth: 15.639

character: l , absolute: 5 , relative: 0.047 , entropy: 0.207 , huffman-code: 0101 , mid code-word-lenth: 15.639

character: m , absolute: 4 , relative: 0.037 , entropy: 0.177 , huffman-code: 0001 , mid code-word-lenth: 15.639

character: n , absolute: 12 , relative: 0.112 , entropy: 0.354 , huffman-code: 001 , mid code-word-lenth: 15.639

character: o , absolute: 6 , relative: 0.056 , entropy: 0.233 , huffman-code: 0111 , mid code-word-lenth: 15.639

character: r , absolute: 6 , relative: 0.056 , entropy: 0.233 , huffman-code: 1010 , mid code-word-lenth: 15.639

character: s , absolute: 2 , relative: 0.019 , entropy: 0.107 , huffman-code: 01100 , mid code-word-lenth: 15.639

character: t , absolute: 8 , relative: 0.075 , entropy: 0.28 , huffman-code: 1100 , mid code-word-lenth: 15.639

character: u , absolute: 1 , relative: 0.009 , entropy: 0.063 , huffman-code: 110110 , mid code-word-lenth: 15.639