

Aufgabe 2 (Rechenweg)

$\text{U+0041} \rightarrow \text{UTF-16 B}$

0000	0000	0100	0001
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A

0100 0001

U+41

$\text{U+00F6} \rightarrow \text{UTF-16 B}$

0000	0000	1111	0110
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ö

C3B6 (UTF-8)

A B C D E F
10 11 12 13 14 15

11000011 10110110
C 3 B 6

$\text{U+4210} \rightarrow \text{UTF-16 B}$

0100	0010	0001	0000
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(chinesisches Zeichen)

1111,0010, 10000100, 1000,1000, 1000,0000
F 2 8 4 8 8 8 0

1100100 10001000 1001,0000
E 4 8 8 8 9 0

E4 88 90 \rightarrow UTF-8

~~U+1D11E~~

~~0001 1101 0001 0001 1110~~

Violinschlüsse |
(UTF-8)

A B C D
13

1110000 10011101 10000100 10011110
F 0 9 D 8 4 9 E

~~U+1D11E~~

~~0001 1101 0001 0001 1110~~
~~0000 1101 0001 0001 1110~~
~~-1 bit~~

Big Endian
(UTF-16)

11011000 00110100 11011101 0001 1110
D 8 3 4 D D 7 E

Für LE

3 4 D 8

1 E D D