NAME
sequoyah − Convert between Cherokee syllabary and ASCII transliteration

SYNOPSIS
sequoyah [-b] < *input_file.utf8* > *output_file.utf8*

sequoyah [-b] [-i *input_file.utf8*] [-o *output_file.utf8*]

DESCRIPTION
sequoyah reads from STDIN and outputs to STDOUT. Input UTF-8 Unicode Cherokee syllables in upper- and lower-case are converted into ASCII transliterations. ASCII transliteration inputs are also converted to the Cherokee syllabary. The transliteration follows that of the Unicode code charts for ranges U+13A0..U+13FF and U+AB70..U+ABBF.

OPTIONS
−b   Print a UTF-8 Byte Order Mark (BOM) code point, the UTF-8 encoding of U+FFFE, at the start of the output file.

−i   Specify the input file. The default is STDIN.

−o   Specify the output file. The default is STDOUT.

−v   Print the program version and exit.

−-version   Print the program version and exit.

EXAMPLE
See the file "sequoyah-map.txt" in the source package for a table of Unicode transliteration to Cherokee syllable mapping. Note that for capitol syllables, letters after the first letter in a syllable can be lower-case. For example, "GA" and "Ga" produce the same syllable, Unicode code point U+13A6, CHEROKEE LETTER GA. However, "ga" will produce the Unicode code point U+AB76, CHEROKEE SMALL LETTER GA.

EXIT STATUS
sequoyah will exit with a status of EXIT_SUCCESS if all went well, or with a status of EXIT_FAILURE if undesired input was read.

FILES
ASCII or UTF-8 text files.

The file "sequoyah.dat" in the source package contains a list of Unicode code points and their ASCII transcriptions to produce Cherokee syllables.

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SEE ALSO
The Sequoyah package shares common functions with the Unibetacode package, also by Paul Hardy. This facilitates possibly someday combining the two packges into one. For more information, consult the website https://www.unifoundry.com.