MGconvert.exe - Simple MS Windows CMD line tool
Converts a text file to an encoding or code page
(c) Markus Gnam 2019. Version 1.0.6.0 20191130

USAGE: **MGconvert <input file> <from> <to> [out]**
Output file name is the **input file name + .<to>**
If an **[out] name** is given **this is used instead.**

Allowed values for <from> and <to>:
UTF-8 or **UTF8**
UTF-8BOM or **UTF8BOM**
UTF-16LE or **UTF16LE** or **UNICODE**
UTF-16BE or **UTF16BE** or **BIGENDIANUNICODE**
UTF-32LE or **UTF32LE**
UTF-32BE or **UTF32BE**
OEM or **CP_OEMCP**
ANSI or **CP_ACP**
LATIN-1 or **ISO-8859-1** or **28591**
CP437 or **437**
CP850 or **850**
CP1252 or **1252**
... or any other **valid code page ...**

Additional notes:
Example:

```
mgconvert test.txt utf8 1252
```

> ⇨ File test.txt successfully converted from UTF-8 to CP1252 into file
>   test.txt.1252

The same example with given [out] name "result.txt" as output file name:

```
mgconvert test.txt utf8 1252 result.txt
```

> ⇨ File test.txt successfully converted from UTF-8 to CP1252 into file
>   result.txt

Hints:
- This program takes advantage of MS Windows Best-fit Mapping API
functions. Example: mgconvert test.txt utf8 1252
with UTF-8 encoded content: Antonín Dvořák
> ⇨ Best fit conversion to ANSI code page 1252: Antonín Dvorák
>   instead of Antonín Dvo?ák

- Note that any existing files will be overwritten, without warning.

- Be careful to choose the correct input encoding. If the input is wrong
the output will be wrong too. Also, be aware that specific code pages
that are not installed on a PC will most probably fail to work.
If a not valid code page is recognised, there is an error message, e.g.:
[ERROR]: Code page 4232 not allowed

- Special cases: Some characters can't be converted (e.g. Chinese
characters won't fit into code page 437). These characters are replaced
by "?". If the transliteration is longer than the original character this
character is replaced by "_". Example: "Þorvaldur" does not fit into CP
437. The transliteration "Thorvaldur" is too long so it gets "_orvaldur".

- If the <from> value is the same as the <to> value there is a warning:
[WARNING]: <from> value is the same as <to> value
However, this may be useful to check for the correctness of an encoding
or code page: If the output file is identical with the input file, this
means that the input data contains valid characters according the value.

- If the [out] value is the same as <from> or <to>, there is a message:
[ERROR]: [out] value is the same as <from> or <to>
This is done to avoid accidentally confusing one of these parameters.

- All Unicode encodings except UTF-8 (UTF-16LE, UTF-16BE, UTF-32LE, UTF-
32BE) are created with BOM. The default for UTF-8 is to use no BOM. If
you want to generate a file with BOM for UTF-8, use UTF-8BOM as <to>
value.

- I would like to thank Ralf Junker from Delphi Inspiration
(https://www.yunqa.de) for some valuable tipps about UTF-32.

- This program was written with Embarcadero Delphi XE7.

- If you want to contact the author please have a look at the file
"history.txt" inside the file MGconvert.zip.

- This program is distributed as "freeware," copyright reserved by the
author. There are no warranties of any kind, nor any liability by the
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software and for any damage caused thereby.

Version history:
File name: MGconvert.exe
SHA256: 3d3b0b761310e7eee15395ed4cc93303fec6106ac515482b2c80f617c0ebaaf0

- Converts a text file to an encoding or code page -
(c) Markus Gnam 2019. Version history:

Version 1.0.6.0 20191130
- Encoding UTF-32LE and UTF-32BE added.

Version 1.0.5.0 20191109
- Support for encoding UTF-7 dropped.

Version 1.0.4.0 20191003
- Support for any valid code page added.

Version 1.0.3.1 20191002
- Optional [out] parameter added.

Version 1.0.2.0 20190928
- Encoding UTF-7 added.

Version 1.0.1.1 20190922
- Encoding UTF-16BE added.

Version 1.0.0.0 20190914
- Initial version.