NAME

   sha256sum − compute and check SHA256 message digest

SYNOPSIS

   sha256sum [*OPTION*]... [*FILE*]...

DESCRIPTION

   Print or check SHA256 (256−bit) checksums.

   With no FILE, or when FILE is −, read standard input.

   −b, **−−binary**
         read in binary mode

   −c, **−−check**
         read SHA256 sums from the FILEs and check them

   −−tag   create a BSD−style checksum

   −t, **−−text**
         read in text mode (default)

   −z, **−−zero**
         end each output line with NUL, not newline, and disable file name escaping

   The following five options are useful only when verifying checksums:
   −−ignore−missing
         don't fail or report status for missing files

   −−quiet
         don't print OK for each successfully verified file

   −−status
         don't output anything, status code shows success

   −−strict
         exit non−zero for improperly formatted checksum lines

   −w, **−−warn**
         warn about improperly formatted checksum lines

   −−help   display this help and exit

   −−version
         output version information and exit

   The sums are computed as described in FIPS−180−2. When checking, the input should be a former output
   of this program. The default mode is to print a line with checksum, a space, a character indicating input
   mode ('*' for binary, ' ' for text or where binary is insignificant), and name for each FILE.

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REPORTING BUGS

   GNU coreutils online help: <https://www.gnu.org/software/coreutils/>
   Report sha256sum translation bugs to <https://translationproject.org/team/>

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SEE ALSO

   Full documentation at: <https://www.gnu.org/software/coreutils/sha256sum>
   or available locally via: info '(coreutils) sha2 utilities'