NAME
sha1sum − compute and check SHA1 message digest

SYNOPSIS
sha1sum [*OPTION*]... [*FILE*]...

DESCRIPTION
Print or check SHA1 (160−bit) checksums.

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

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

−c, **−−check**
> read SHA1 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−180−1. 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.

BUGS
Do not use the SHA-1 algorithm for security related purposes. Instead, use an SHA−2 algorithm, implemented in the programs sha224sum(1), sha256sum(1), sha384sum(1), sha512sum(1), or the BLAKE2 algorithm, implemented in b2sum(1)

AUTHOR
Written by Ulrich Drepper, Scott Miller, and David Madore.

REPORTING BUGS
GNU coreutils online help: <https://www.gnu.org/software/coreutils/>
Report sha1sum translation bugs to <https://translationproject.org/team/>

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SEE ALSO

Full documentation at: <https://www.gnu.org/software/coreutils/sha1sum>
or available locally via: info '(coreutils) sha1sum invocation'