DMOJ Capture The Flag '20 F3 - Four Taps

Time limit: 0.5s   **Memory limit:** 128M

We managed to recover a FLAC file, but it seems broken. It looks like a few bits were flipped near the start of the file. Can you fix it and recover the flag?

broken.flac `3d506be4434f2f537215a4995e497405` `4.4M`

Hint: all Latin characters in the flag are lowercase. You will need to insert the `{` , `}` , and `_` characters back in. As always, `_` are only used to separate words.
Hint 2: the flag is exactly 37 characters long.

This problem is from DMOJ Capture The Flag '20. For more details, please view the contest page.