

ECE 3700 Assignment 10

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April 1, 2008

The md5 checksum of the executable produced by md5.c is ‘b0e9a6730f90a73be0b41978a92206a7’. The md5sum can be used to verify that a file is identical to a previously verified version.

After a minor modification to a comment in md5.c, the checksum of the compiled executable is still ‘b0e9a6730f90a73be0b41978a92206a7’. This makes sense, since a change in a comment should not affect the compiler output, so the generated program should be identical to the one from before – at least, I can’t think of any practical application of a non-deterministic compiler.