**Patching Crackme1 and Crackme2**

**Objectives**

Learn how to reverse engineer and patch a simple application.

**Useful resources:**

* Begin RE Workshop, <https://www.begin.re/>
* strncmp, <http://www.cplusplus.com/reference/cstring/strncmp/>
* strlen, <https://www.cplusplus.com/reference/cstring/strlen/>
* malloc, <https://www.tutorialspoint.com/c_standard_library/c_function_malloc.htm>
* strcpy, <https://www.cplusplus.com/reference/cstring/strcpy/>
* Ceaser Cipher, <https://www.dcode.fr/caesar-cipher>
* One of the greatest set of tutorials related to Reverse Engineering is the Lena Tutorials which can be found converted into videos [here](https://www.youtube.com/playlist?list=PLcFUp5WYCxVYeR7AgsmjzGW6PjamaY6JO) (originally they were flash).

**Deliverable #1:**

You are required to provide either a video or a step-by-step walk-through on how to patch the Crackme1.exe and Crackme2.exe applications.

**Deliverable #2:**

Please reflect on your learning from this lab and what was not clear to you so we can discuss it together.