**Crackme(s)**

**Objectives**

Learn how to reverse engineer and crack 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 submit a document that shows the whole process of bypassing or cracking the crackme1.exe that can be downloaded from here. You can also record a video of the whole process (note: many students prefer this option).

**Deliverable #2:** Please reflect on your learning from this lab and what was not clear to you so we can discuss it together.