

Practical Lab A6

Software Reverse Engineering and Protection

HES-SO MSE 2024-2025

Description This executable is a CLI program that asks for a secret ASCII password provided as a parameter:

MSE-SRE Challenge A6 --- Enjoy !

Usage: ./A6_0 <password>

Questions

1. This executable has been obfuscated using a single pass of code virtualization. Can you provide details about how it is implemented?
2. Can you recover the secret password? You must send¹ the valid password by email to pascal+sre25@mod-p.ch before May 19th, 2025, 12h00 CET to validate this lab and get 10 points.

¹If you want to get an evaluation for this lab, be sure to mention it in your email. Also, be sure to attach a properly written report and the source code of the tools you have written.