Practical Lab A3

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 A3 --- Enjoy !

What I need is the right password!

Usage: ./A3_0 <password>
```

Questions

1. What is the algorithm used to check the validity of a password?

2. This program relies on a specific trick. How does it work?

3. Can you recover the secret password? You must send[1] the valid password by email to pascal+sre25@mod-p.ch before Apr. 28th, 2025, 12h00 CET to validate this lab and get 10 points.

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[1]If 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.