Practical Lab D4

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 D4 --- Enjoy !

What I need is the right password!

Usage: ./D4_0 <password>
```

Questions

1. Can you describe the password checking algorithm flow? Does it look feasible to recover the correct password?

2. Can you modify the executable such that it accepts all passwords? You must send[1] the valid password by email to pascal+sre25@mod-p.ch before May 19th, 2025, 12h00 CET to validate this lab and get 30 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.