

# Practical Lab D1

## 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 D1 --- Enjoy !
```

```
What I need is the right password!
```

```
Usage: ./D1_0 <password>
```

### Questions

1. What is the flow of the algorithm used to check the validity of a password?
2. Can you recover the secret password? You must send<sup>1</sup> the valid password by email to [pascal+sre25@mod-p.ch](mailto:pascal+sre25@mod-p.ch) before Apr. 28th, 2025, 12h00 CET to validate this lab and get 30 points.

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<sup>1</sup>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.