

Practical Lab D3

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 D3 --- Enjoy !
```

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

```
Usage: ./D3_0 <password>
```

Questions

1. This executable has been obfuscated using different techniques. Can you identify all of them?
2. Can you recover the secret password? You must send¹ the valid password by email to pascal+sre25@mod-p.ch before May 12th, 2025, 12h00 CET to validate this lab and get 30 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.