Lab 13: Hacking Minesweeper with Ollydbg

Course Name: Malware Analysis and Reverse Engineering (IAM302)

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Instructor Name: Mai Hoàng Đỉnh

Lab Due Date: 29/2/2023

Purpose

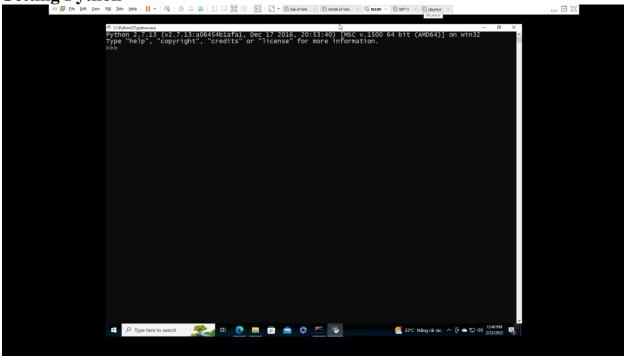
To hack MineSweeper at the binary level. This gives you practice using the Ollydbg debugger, Procdump, and Python

What You Need

A Windows machine, real or virtual. I used a Windows Server 2008 virtual machine

Getting Python

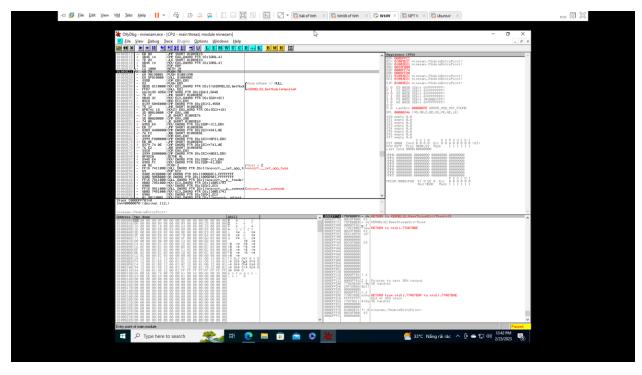
--- S Ele Edit View VM Jabs

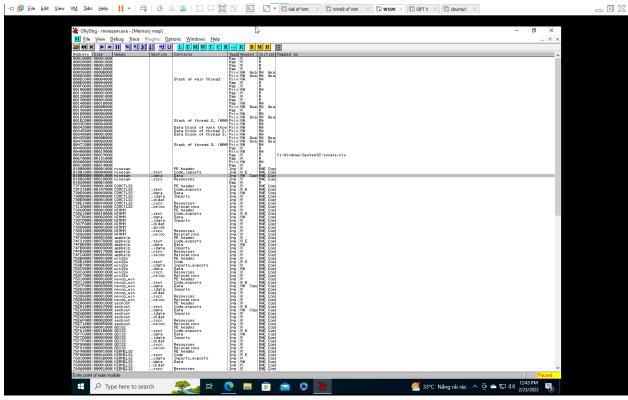


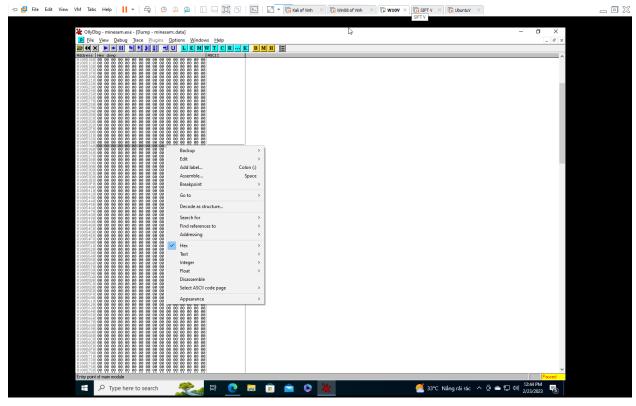
Getting Minesweeper

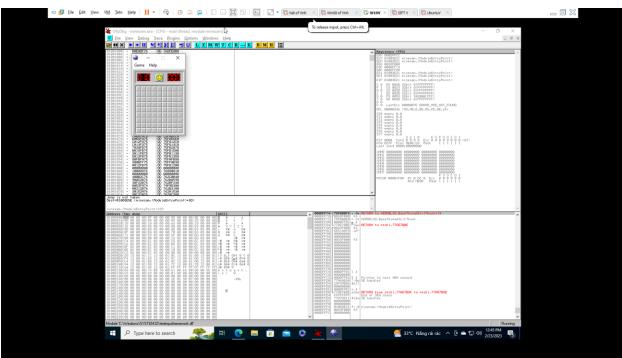


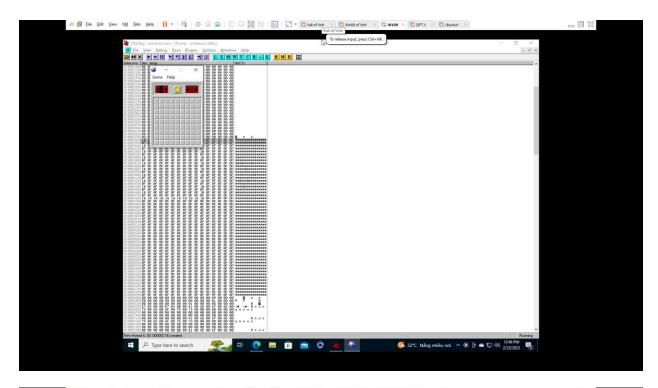
Viewing the Game in OllyDbg

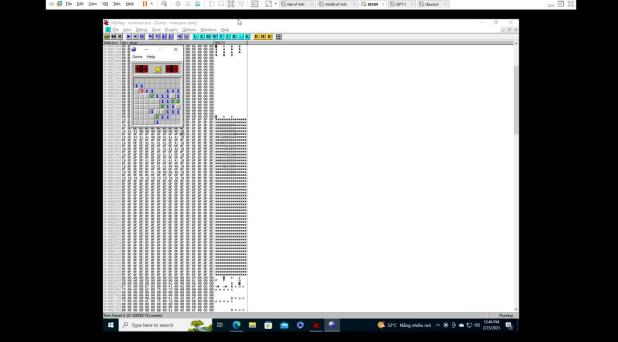






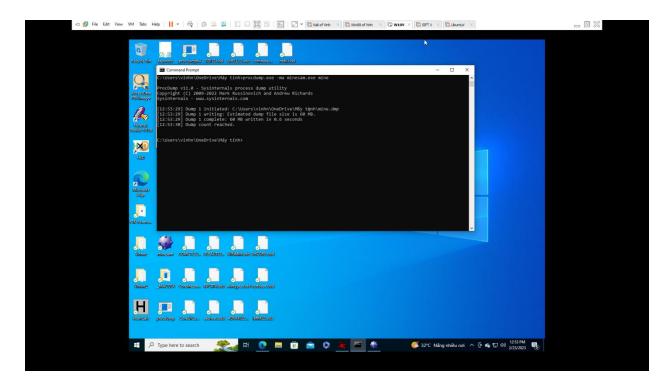




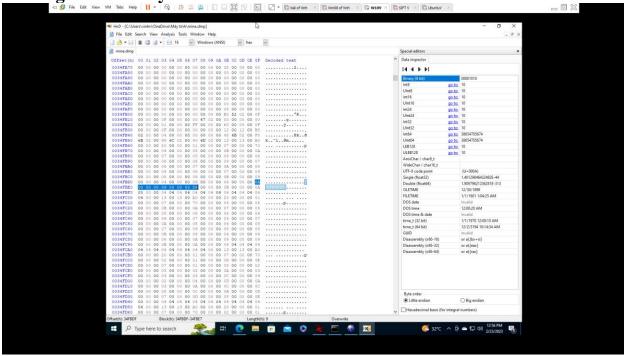


Getting Procdump

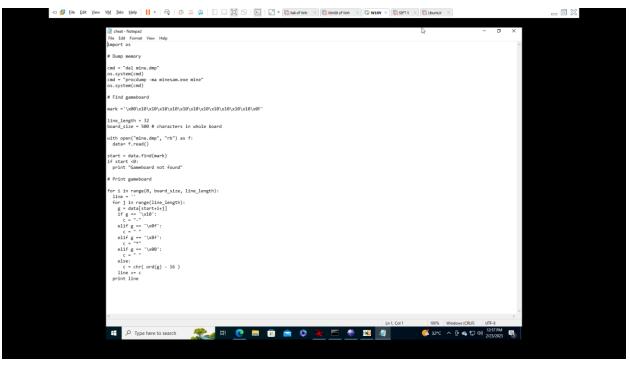
Capturing Process Memory

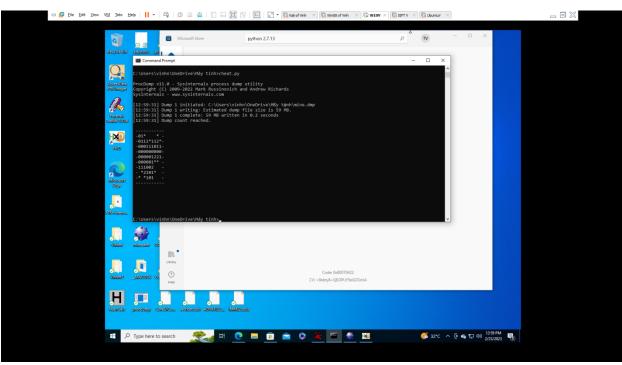


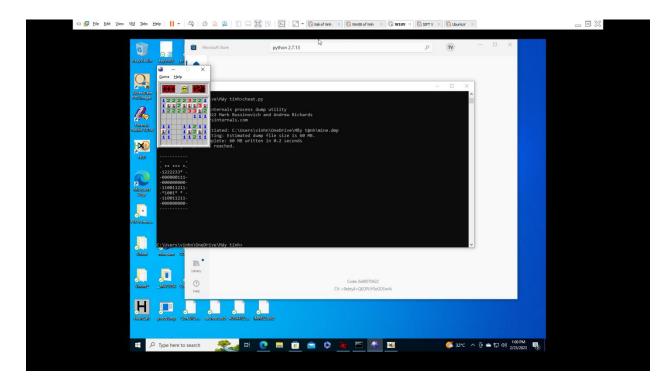
Viewing the Memory with HxD

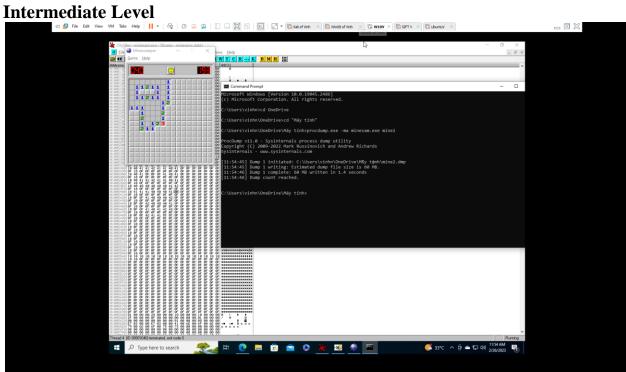


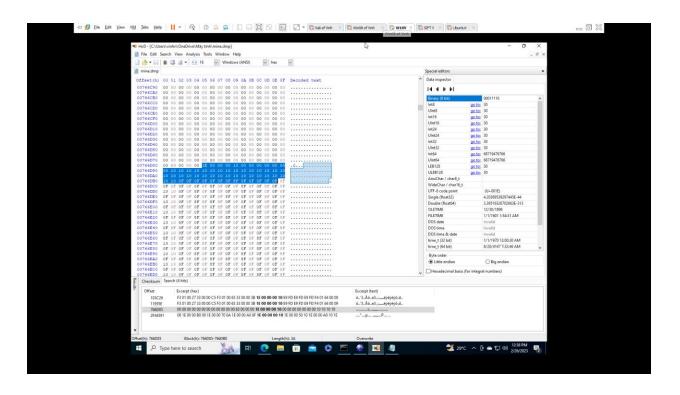
Creating a Python Script

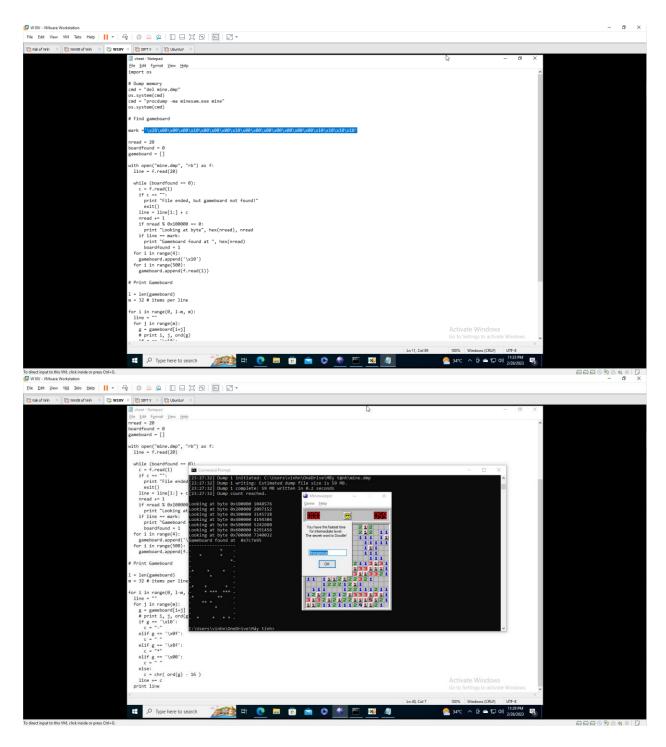












Expert Level

