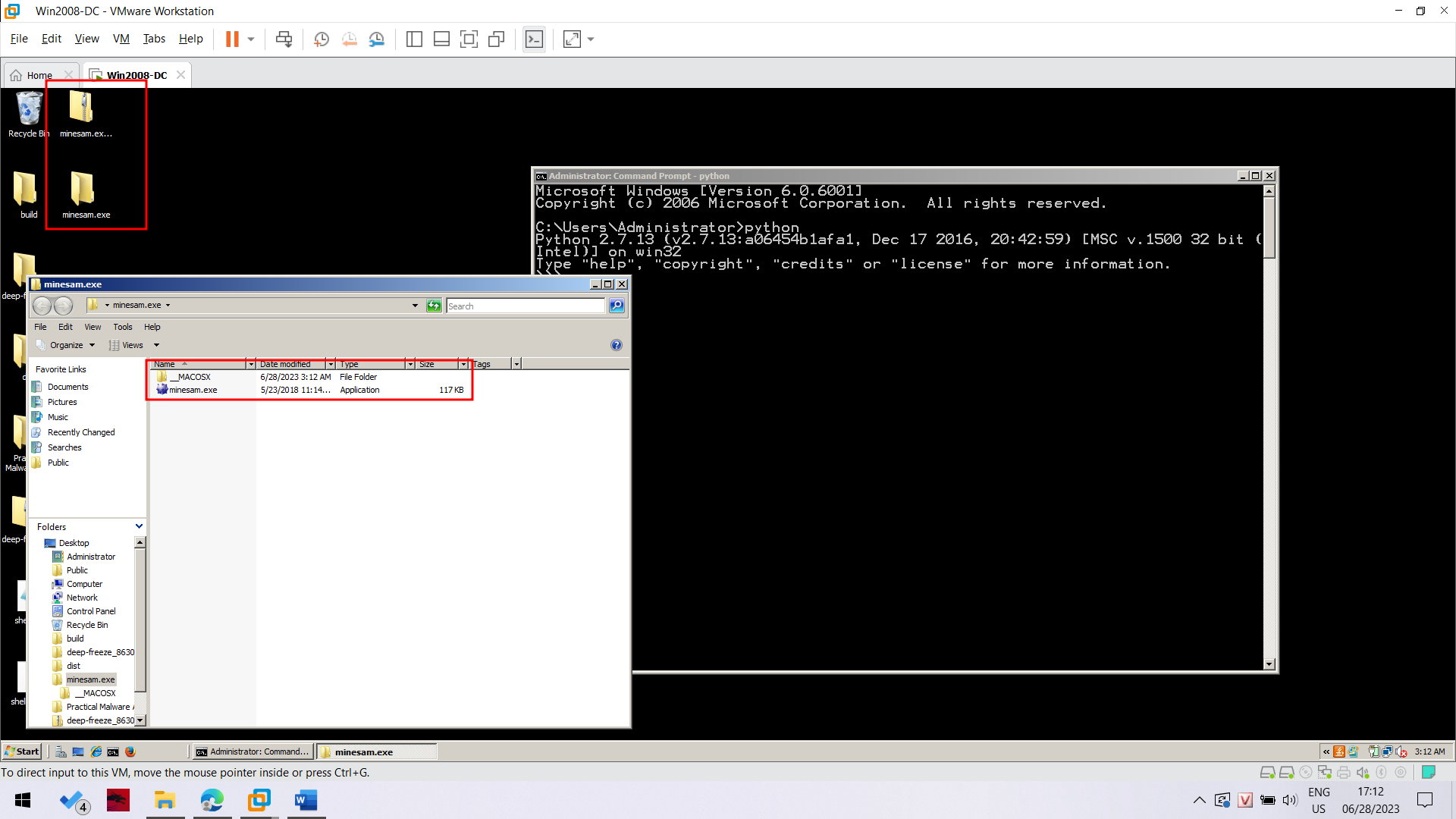
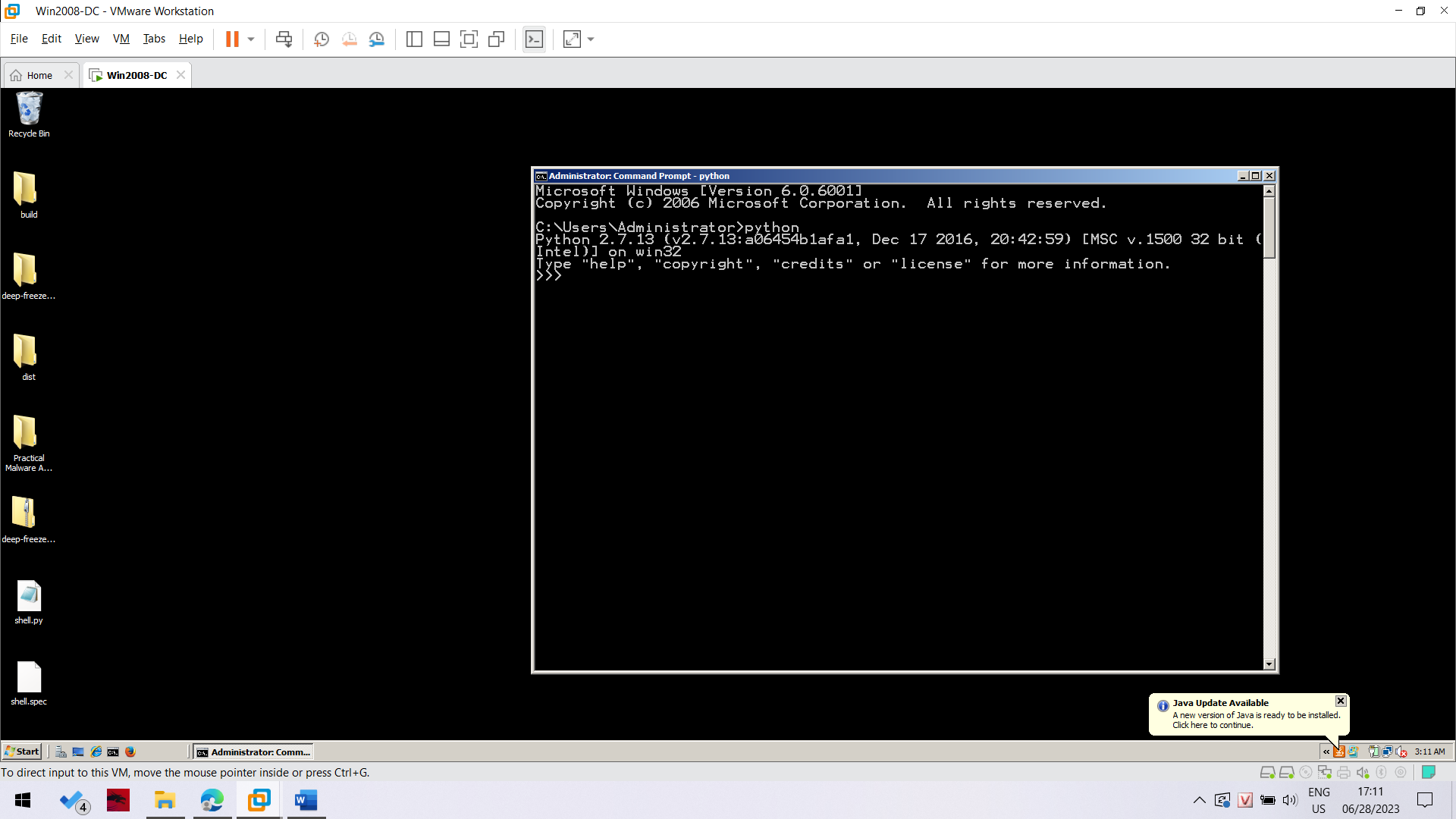
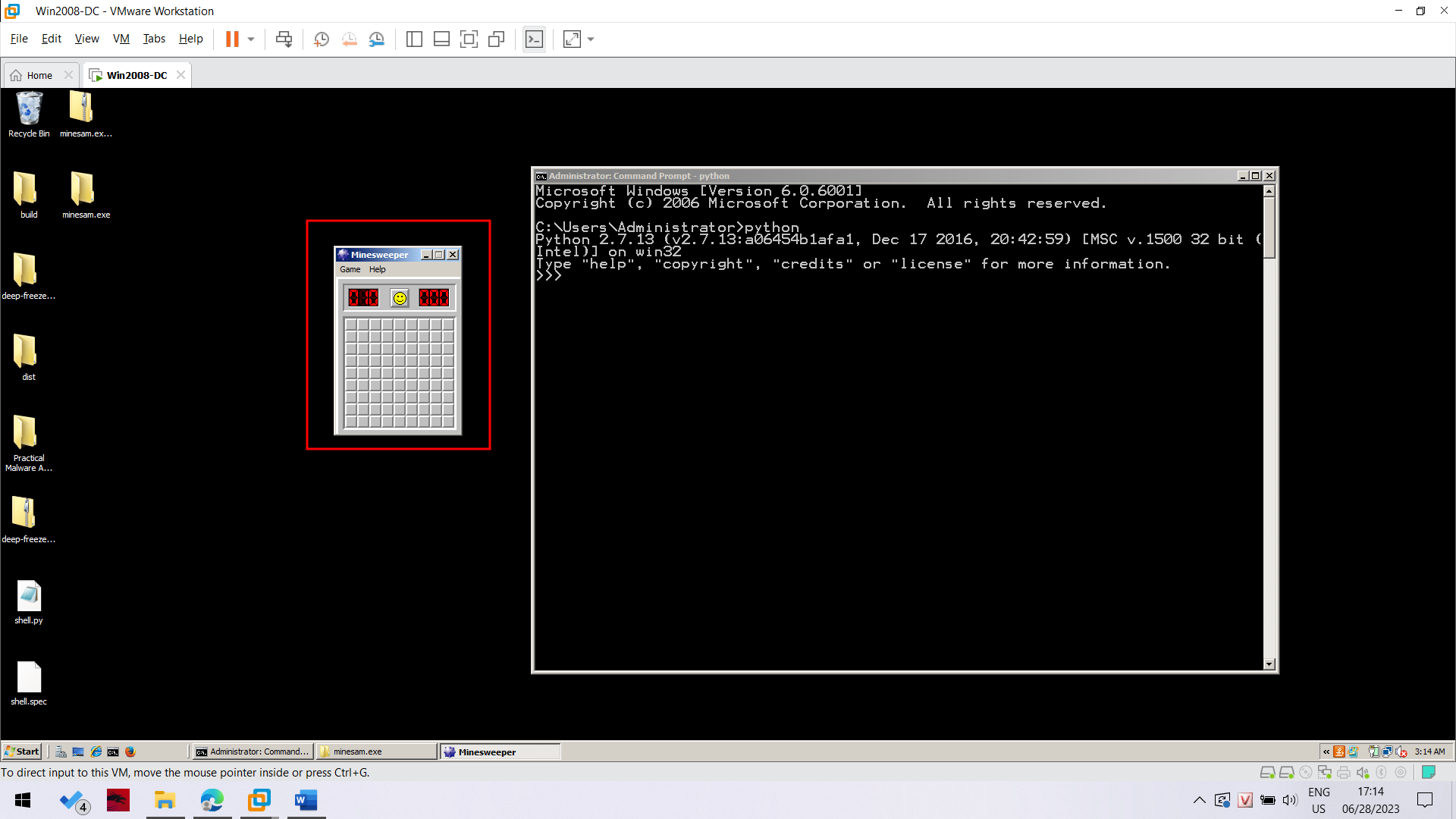
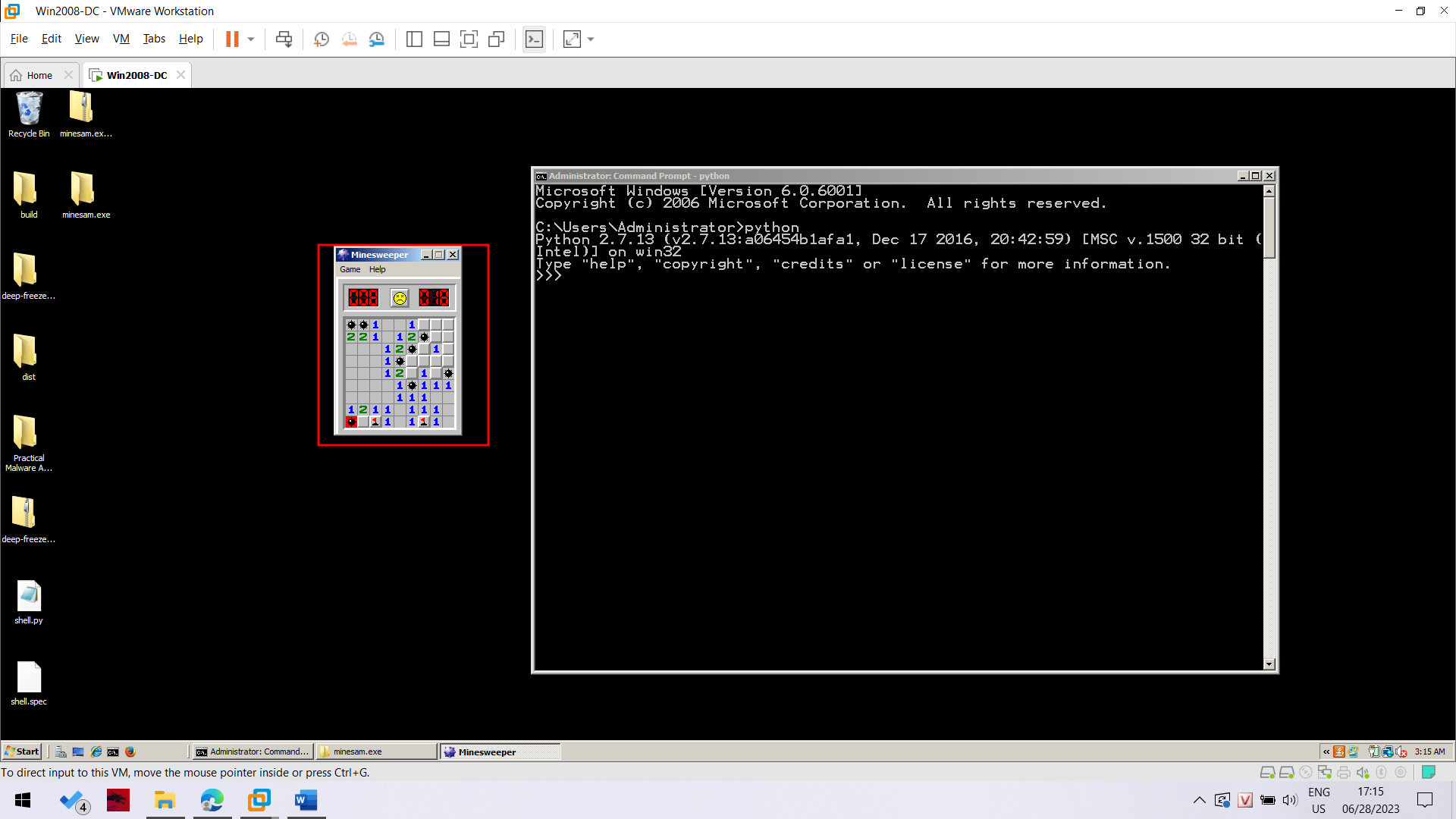
**Lab 13: Hacking Minesweeper with Ollydbg**

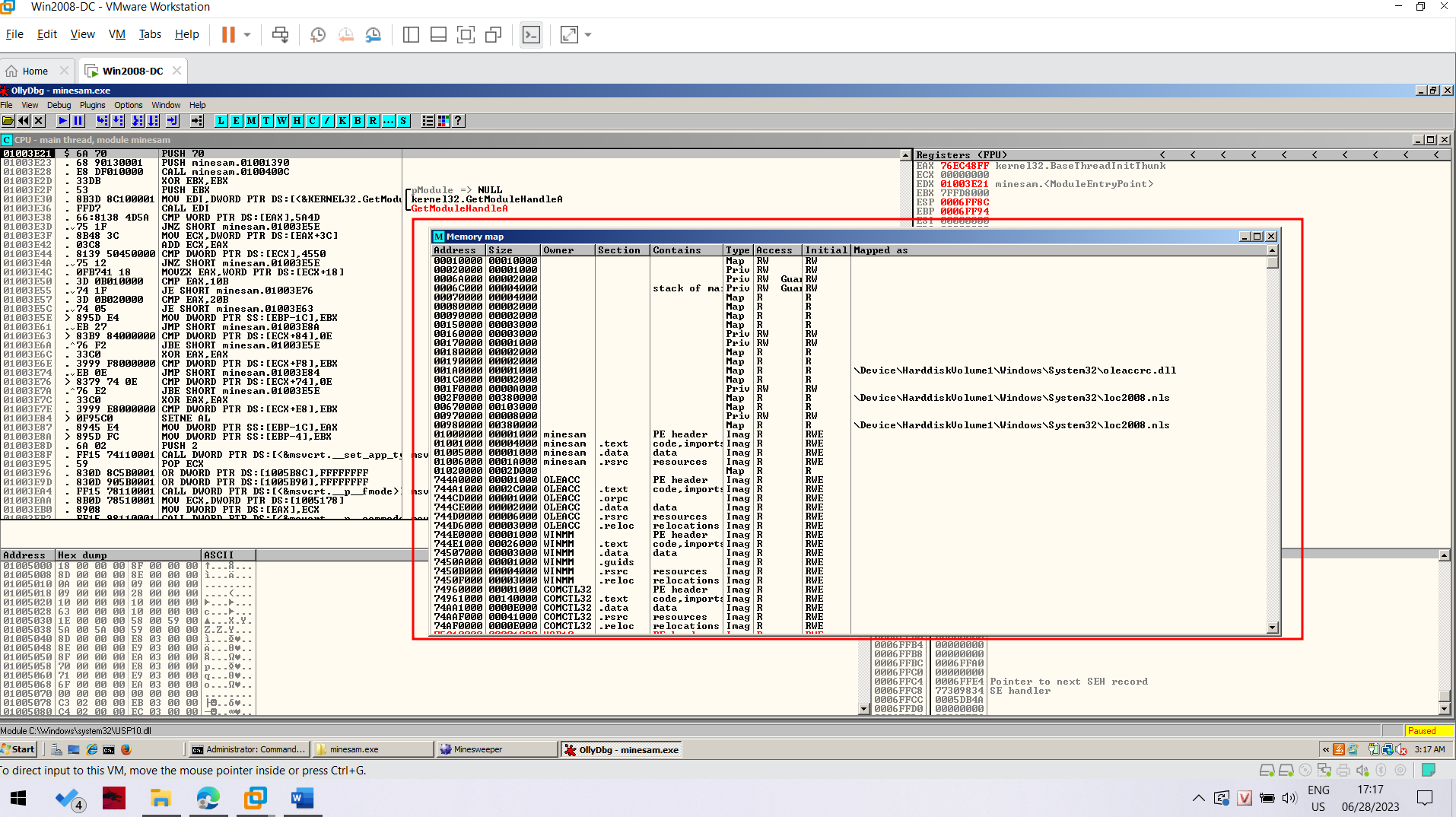
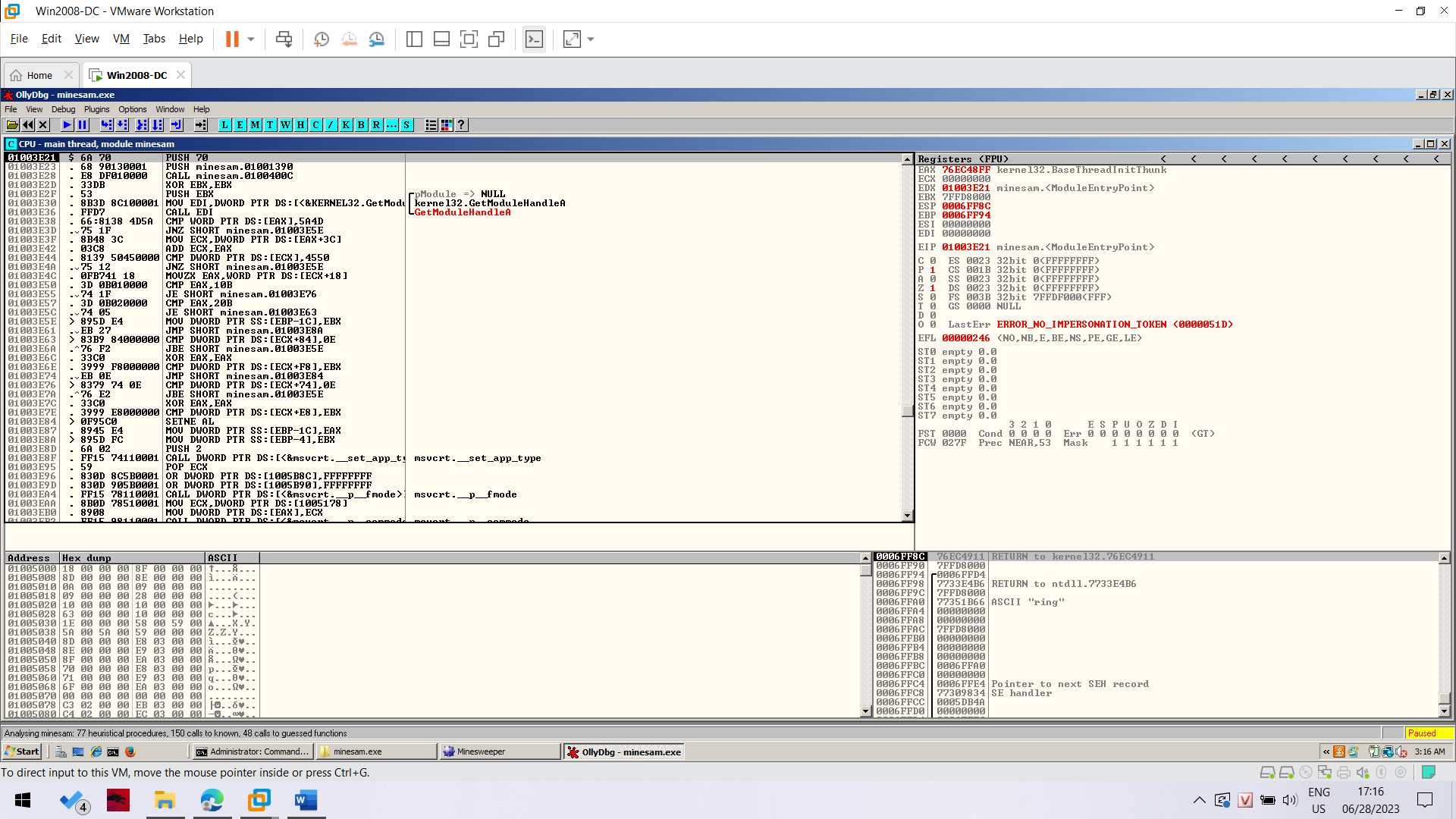
Để hack MineSweeper ở mức độ nhị phân. Điều này giúp bạn luyện tập sử dụng debugger Ollydbg, Procdump và Python.

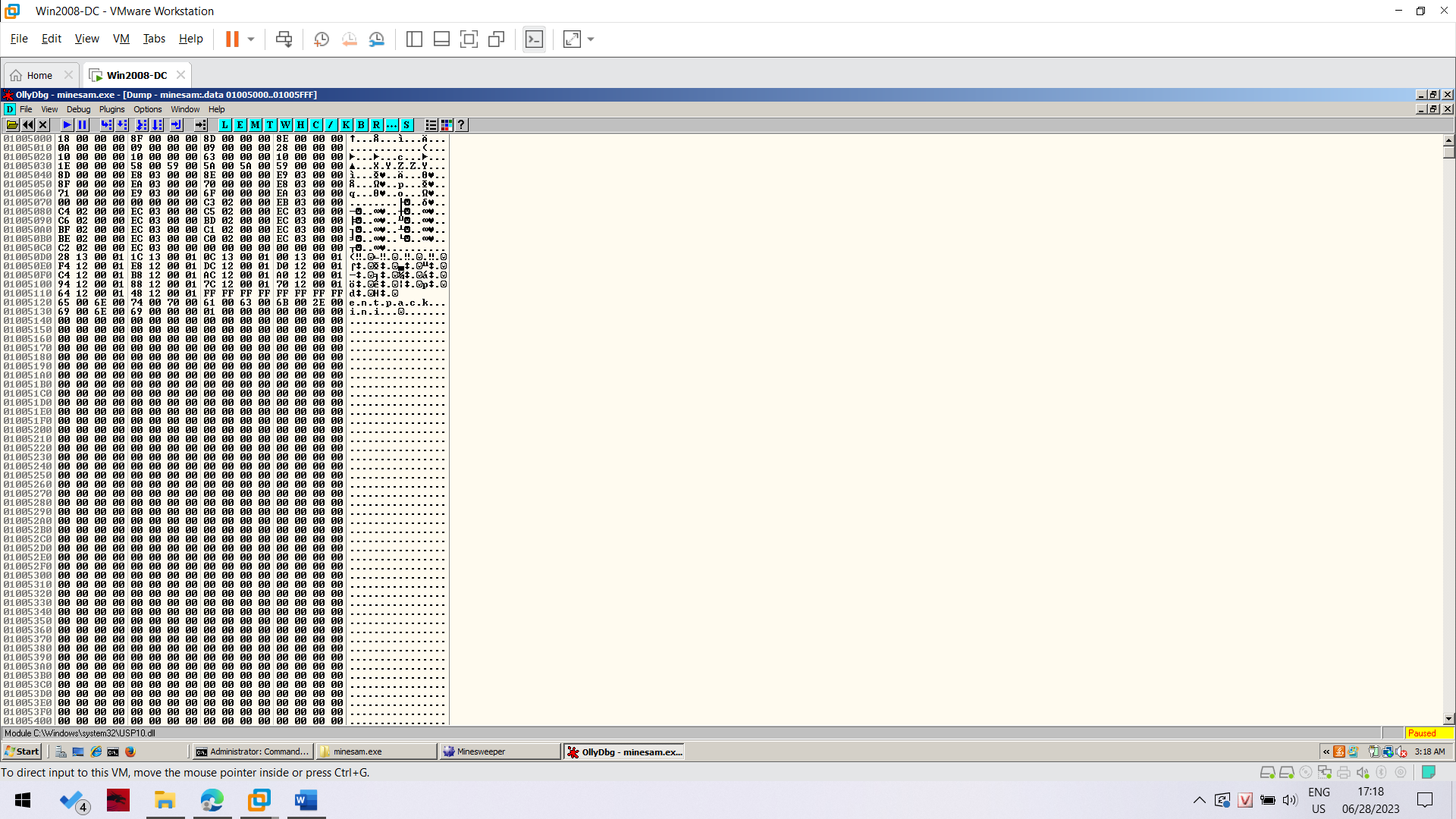
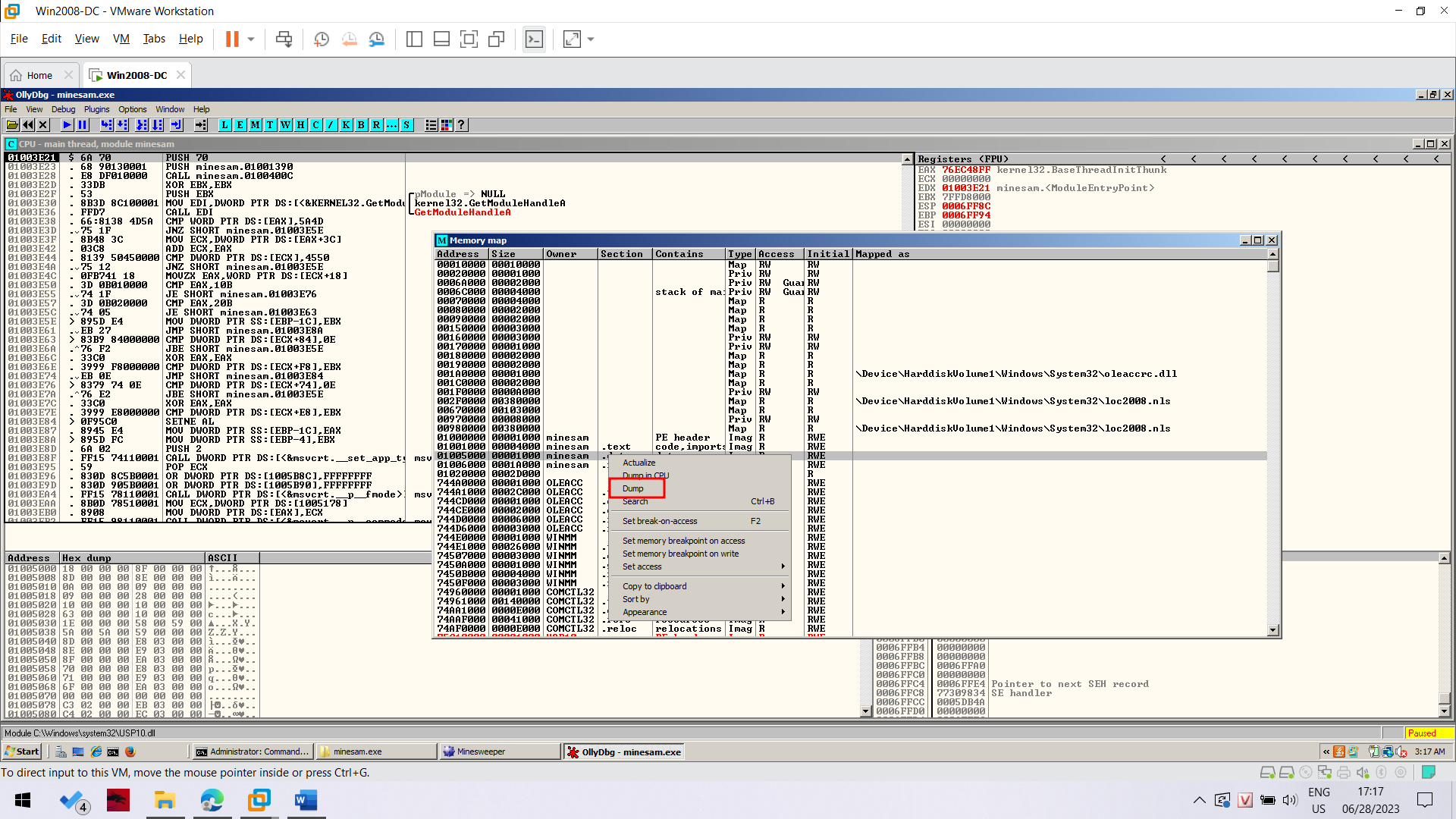


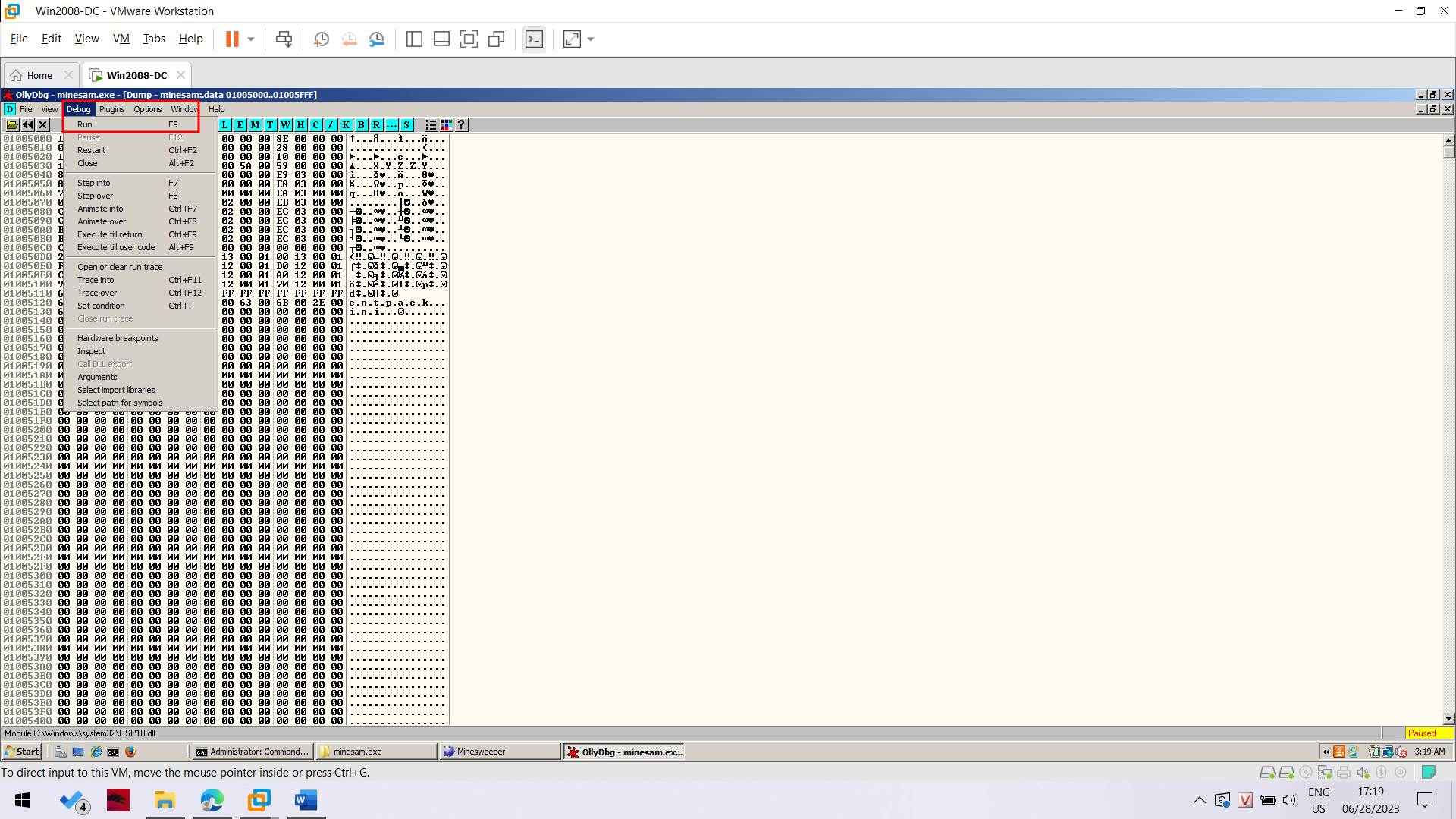


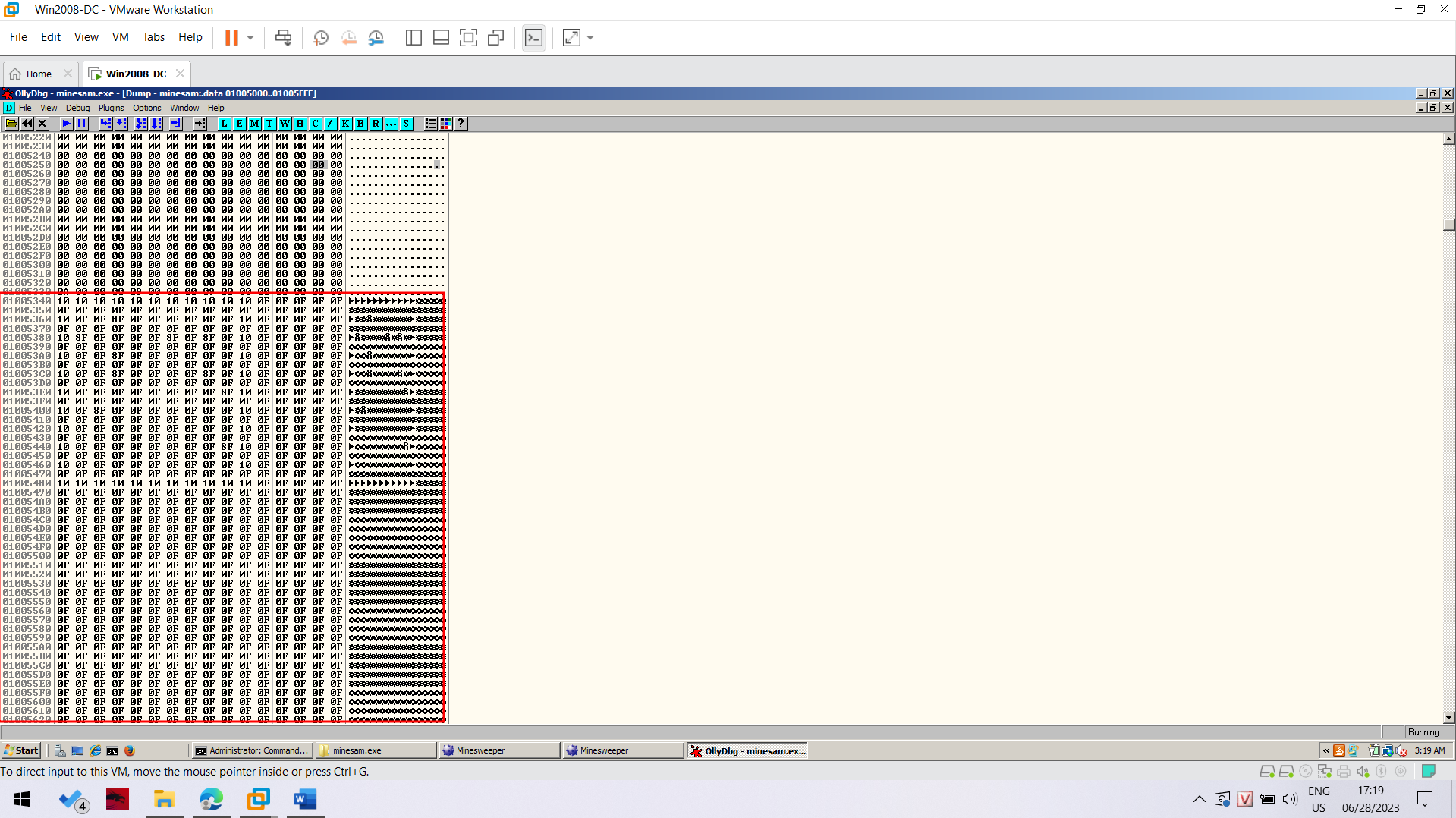


**Viewing the Game in OllyDbg**



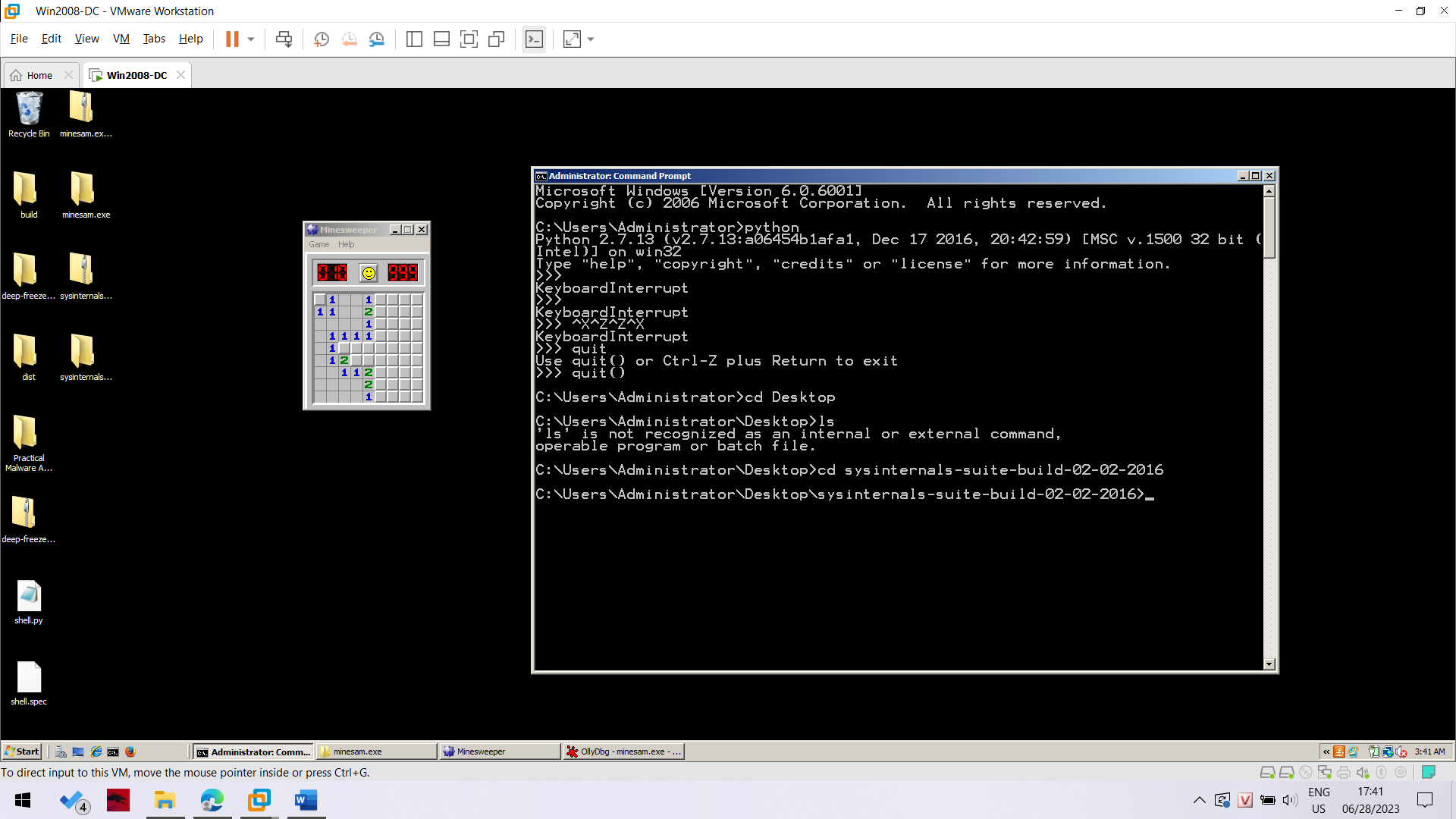
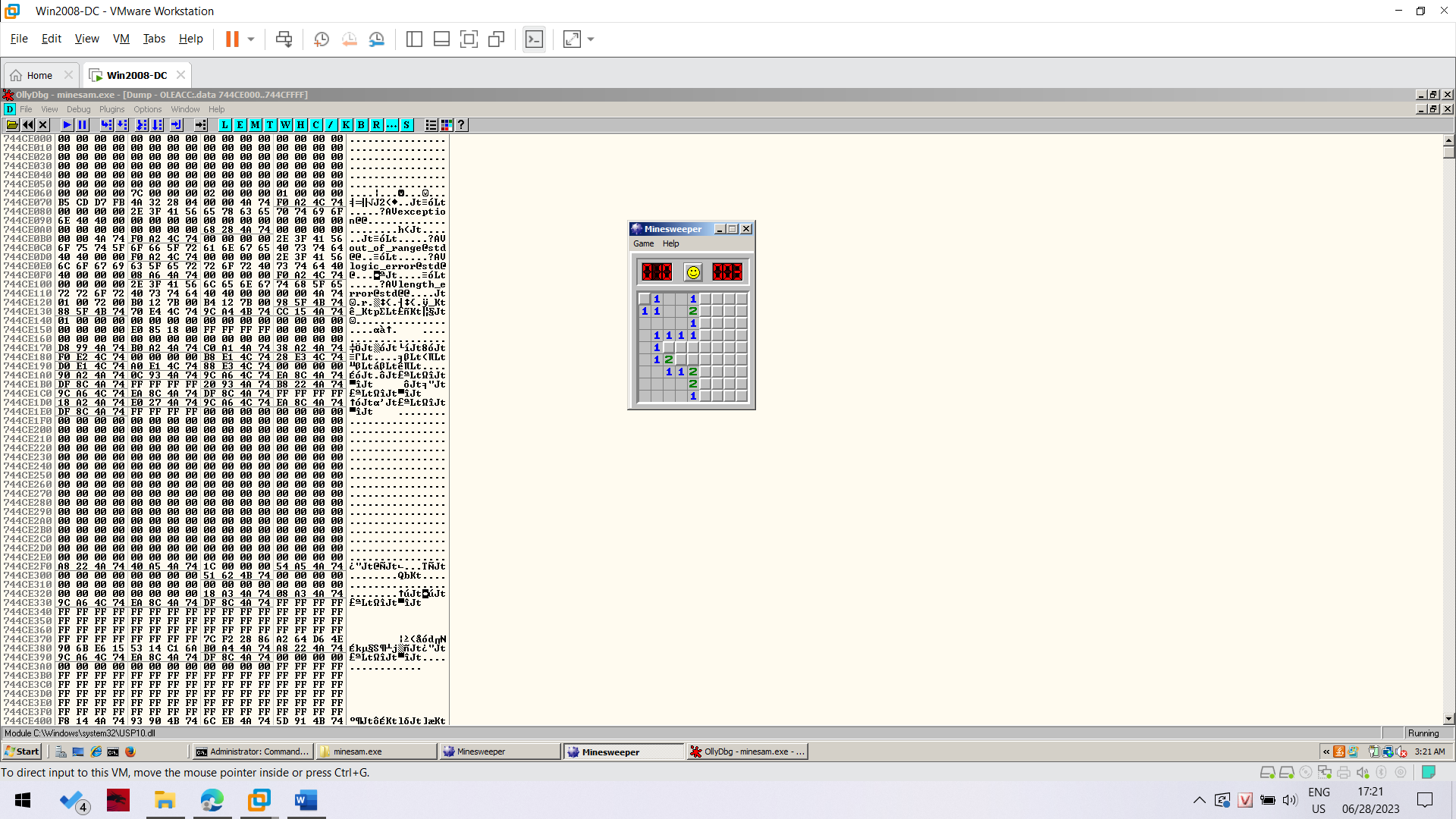


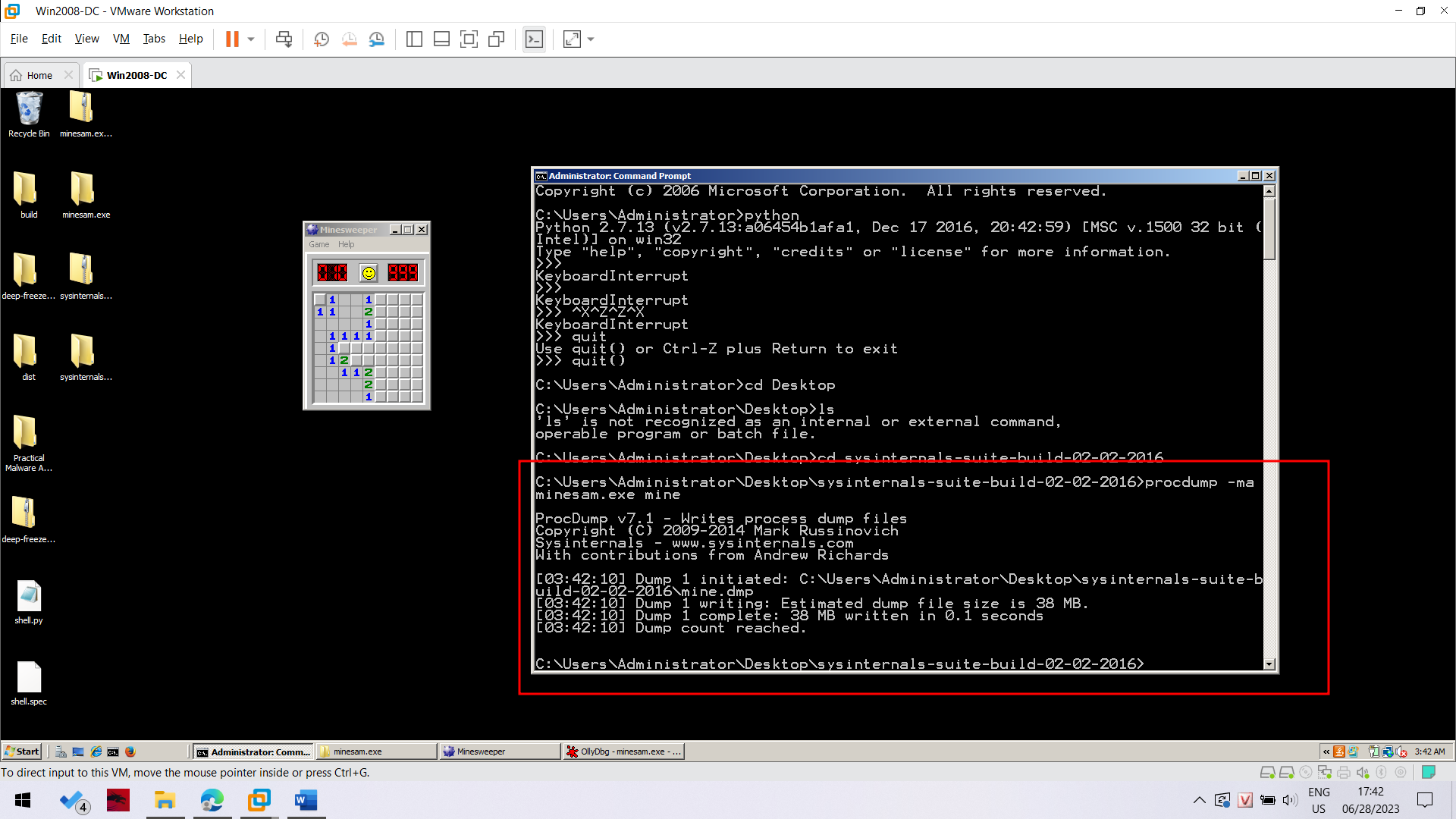




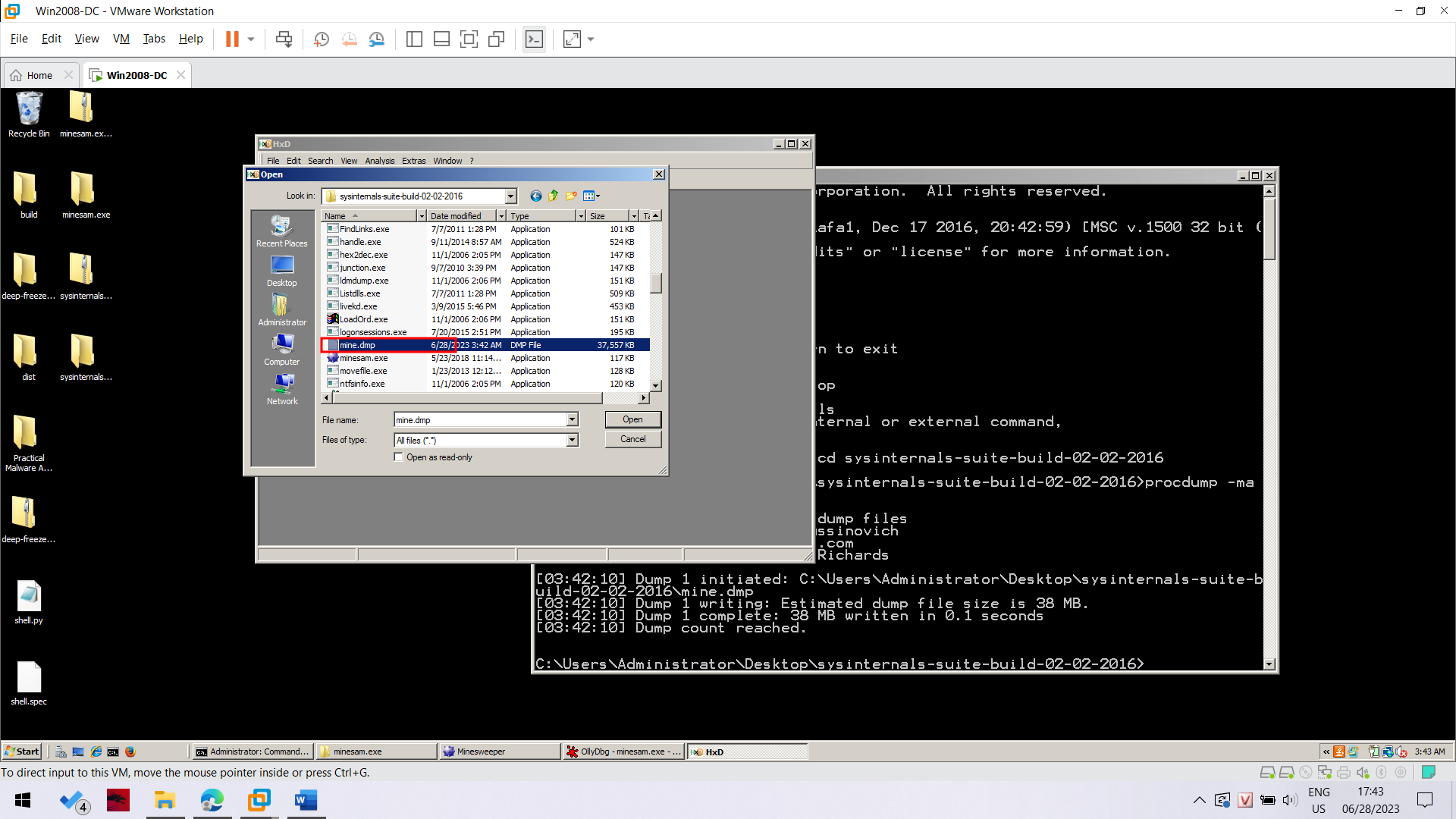
Click the Minesweeper button on the taskbar to bring it to the front. Click a cell to change the display.

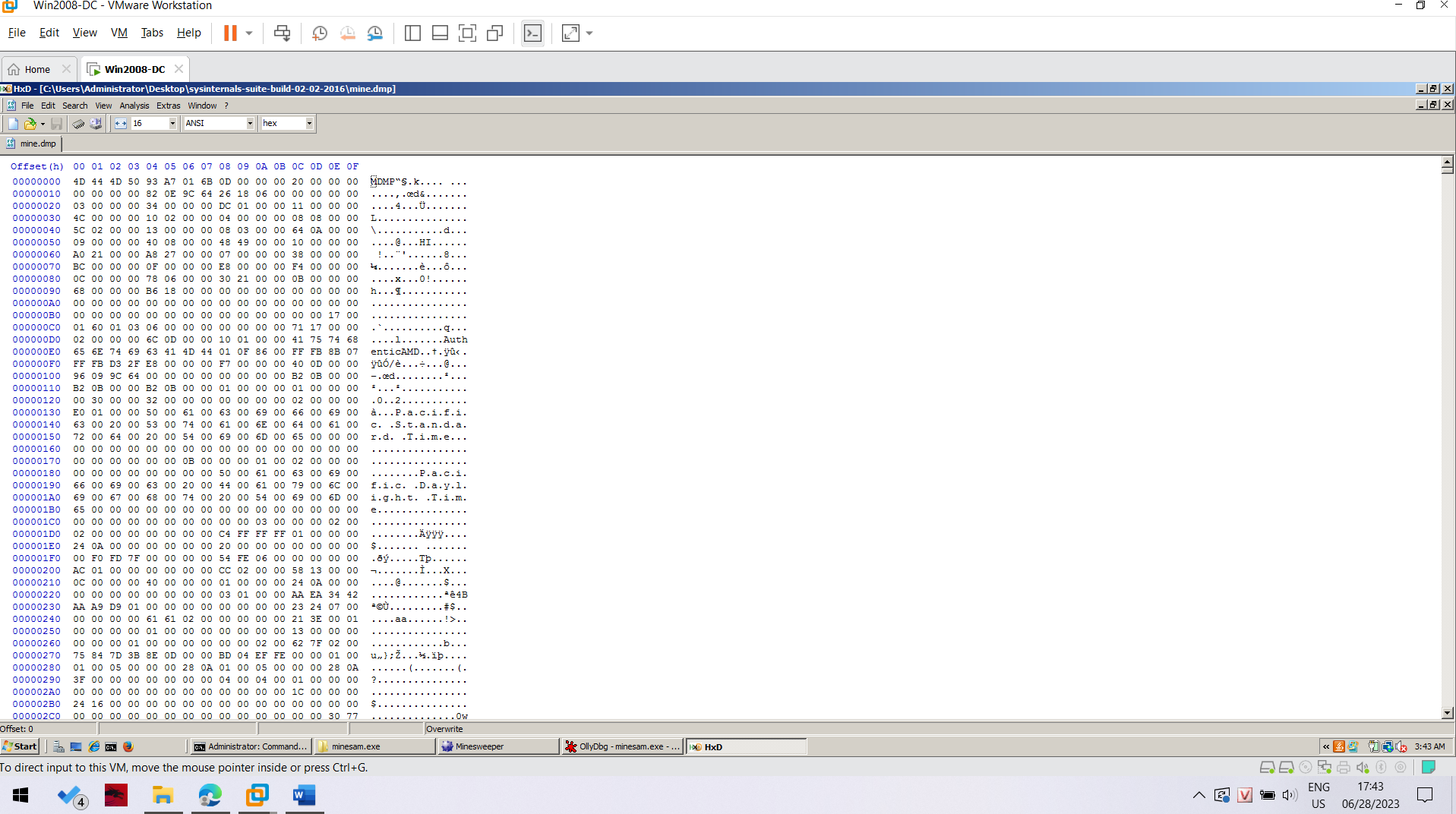
Comare the Minesweeper gameboard with the Dump window. You can see that the gameboard is stored in RAM, using an "A" for "1", and a "B" for "2", as shown below

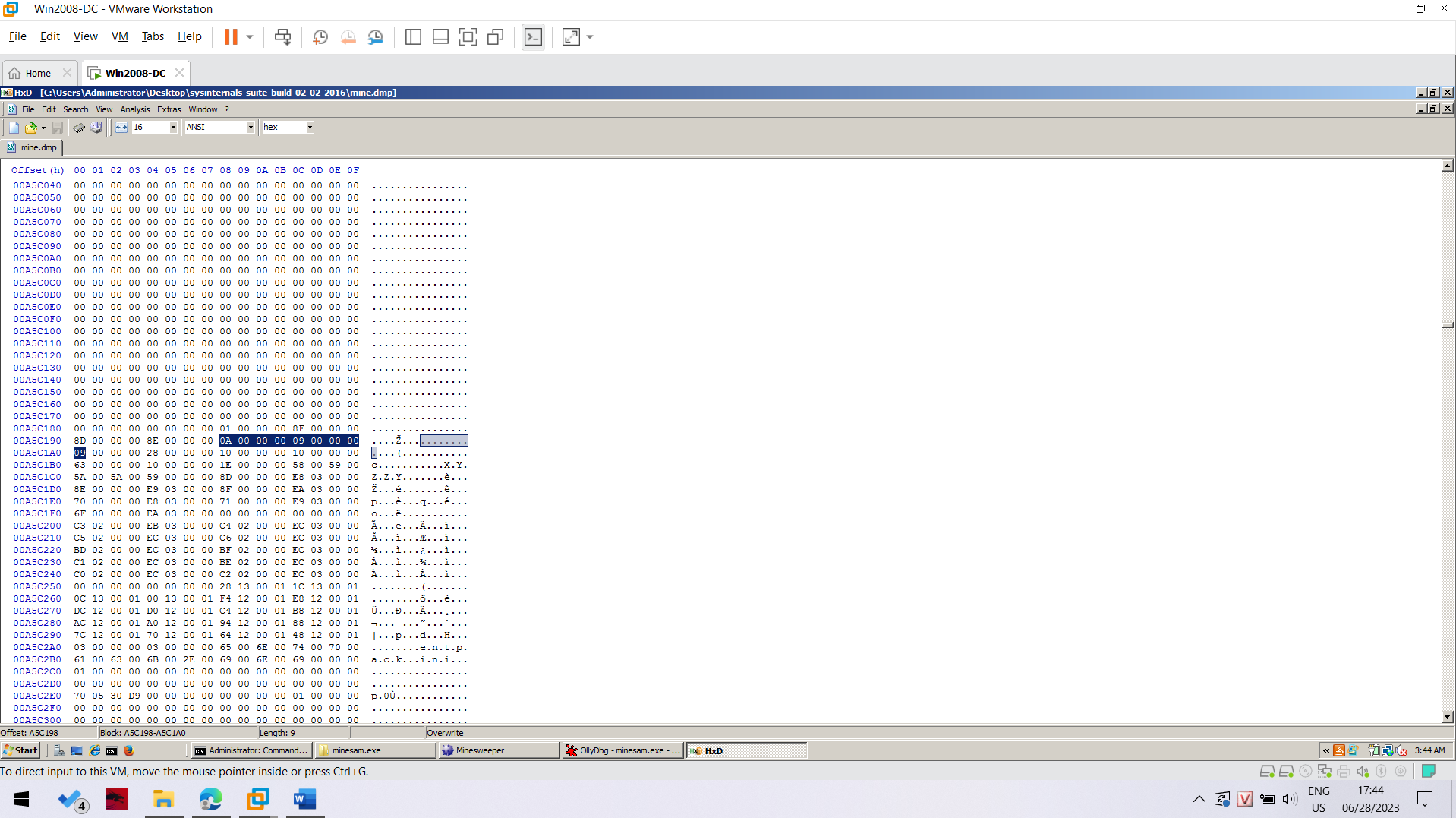




**Viewing the Memory with HxD**







**Creating a Python Script**

