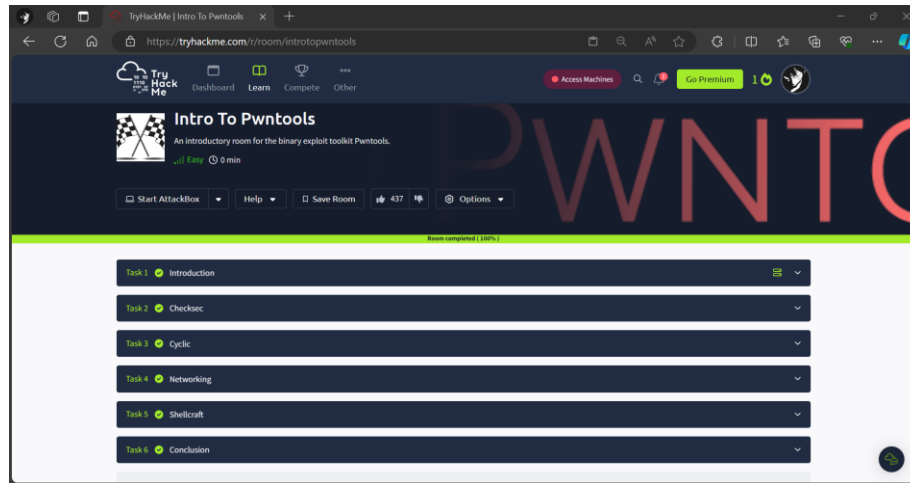


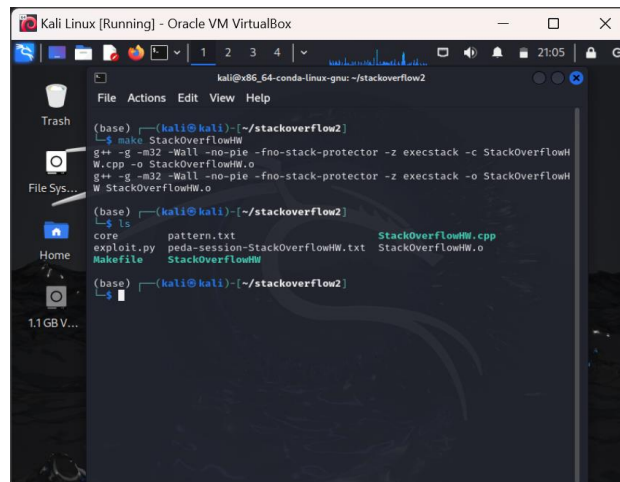
Stack Overflow Exploitation using Python Pwntools

1. TryHackMe



2. StackOverflowHW Executable

- Compile the program as x86 binary, disabling all countermeasures, using a Makefile.



- Write python code using the Pwntools module to force the program to execute the give_shell function and remote root shellcode to exploit the program.

I wrote a python script like the example in TryHackMe that uses Pwntools to create a payload that redirects the flow of the program to the give_shell function. Next, I executed 'sudo python exploit.py' to spawn remote root shellcode.

