

OHTS Lab 1, Level 4

At first most for the fourth level, I opened the “MobaXterm” terminal and typed the Remote host as level4@io.netgarage.org and typed the port as 2224. This is shown in Figure 1.

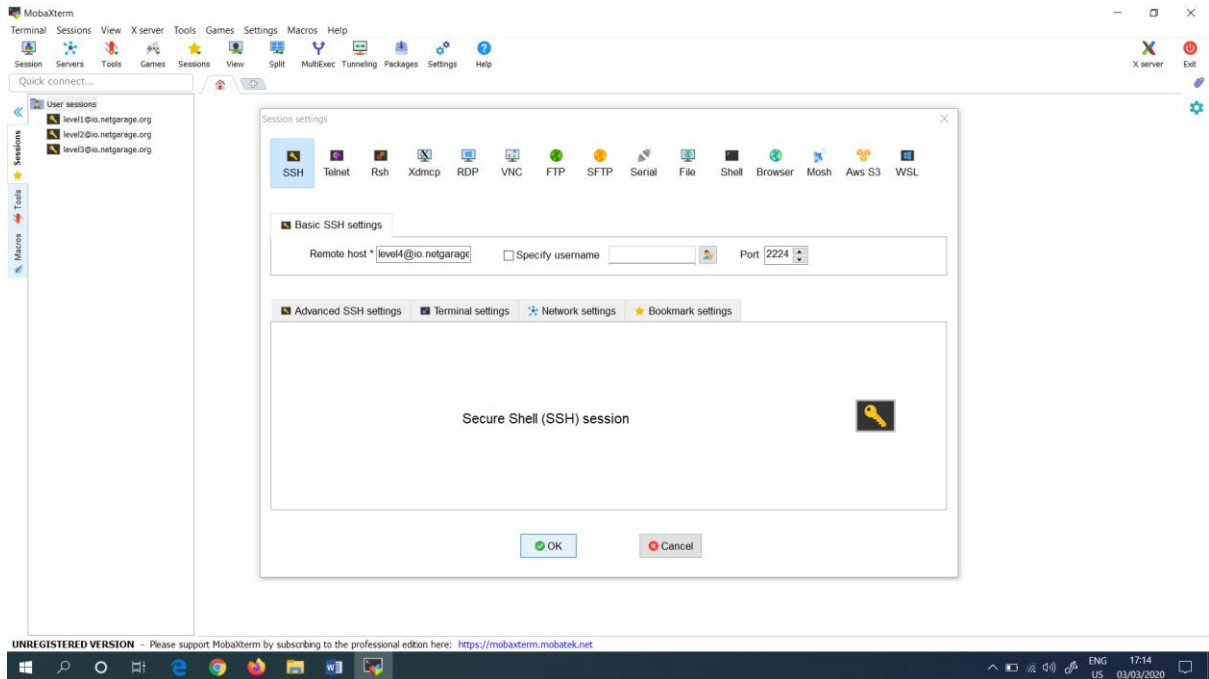


Figure 1: Typed the Remote host and Port

Then, I opened the “MobaXterm” and got a new terminal. Then, typed the username and password. This is shown in the following screen shot (Figure 2).

Username – level4@io.netgarage.org

Password – **DNLM3Vu0mZfX0pDd**

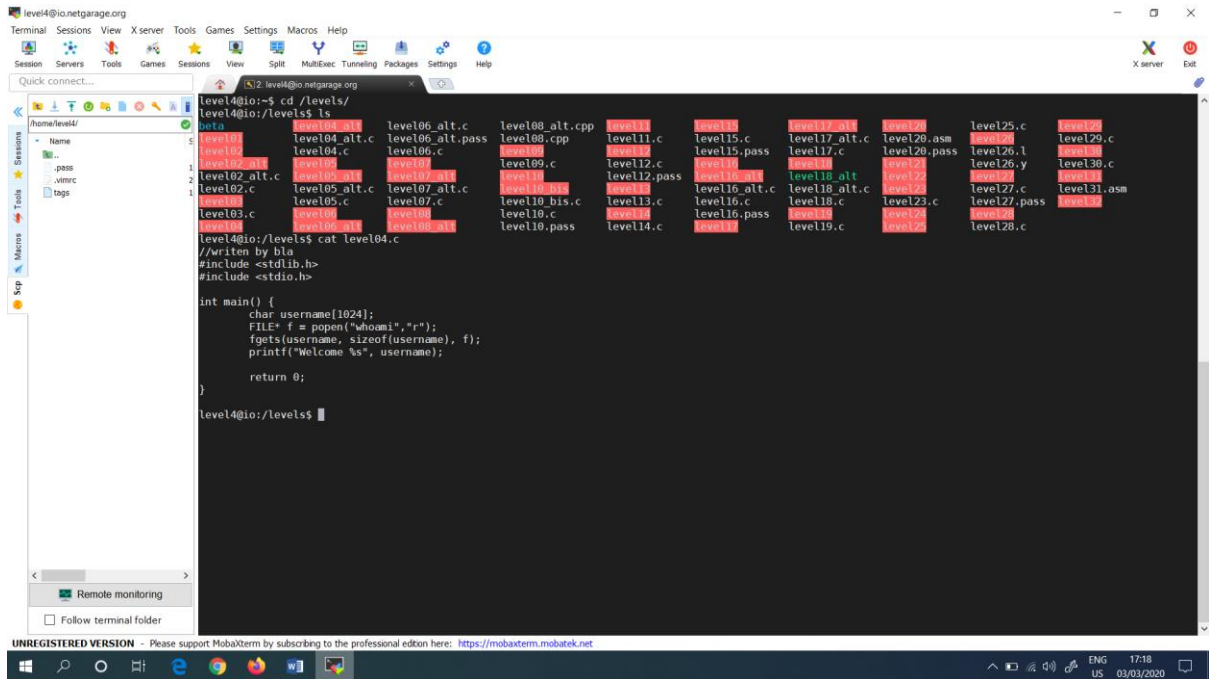


Figure 4: Read the level04 file

In the shell, the binaries are found by searching the “PATH” variable until one executable file with the desired name is found. Then the command can be modified with “whoami”. This is depicted in Figure 5.

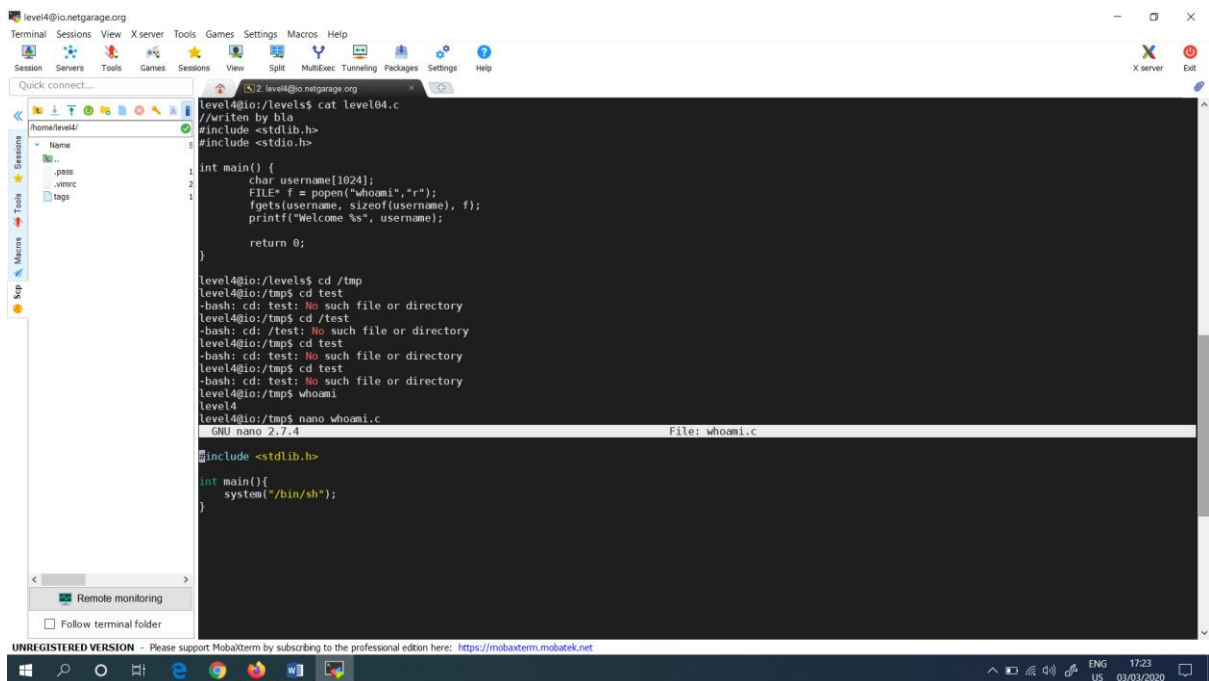


Figure 5: Command modified with “whoami”

Next, it shows the unmodified codes (Figure 6). Then, in order to get the password for the level 5, the unmodified code need to be modified.

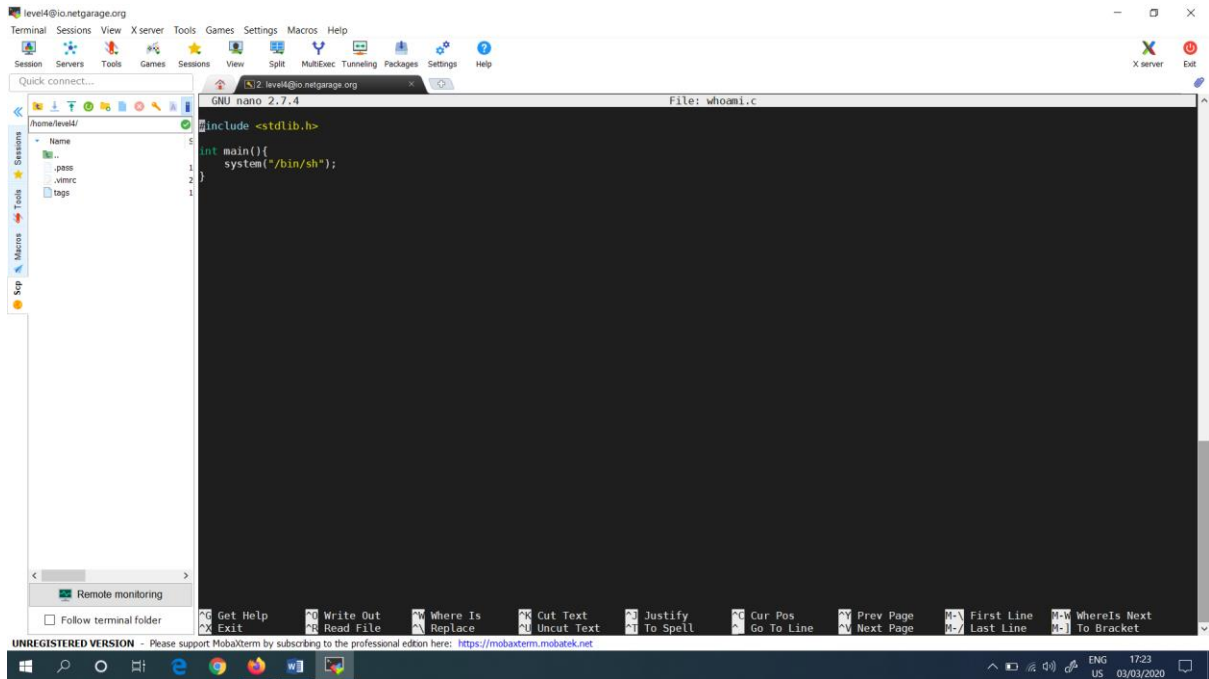


Figure 6: Unmodified command

Then, the unmodified command (Command that is already available), need to be modified. This is shown in Figure 7. The modified command is “**return 0**”.

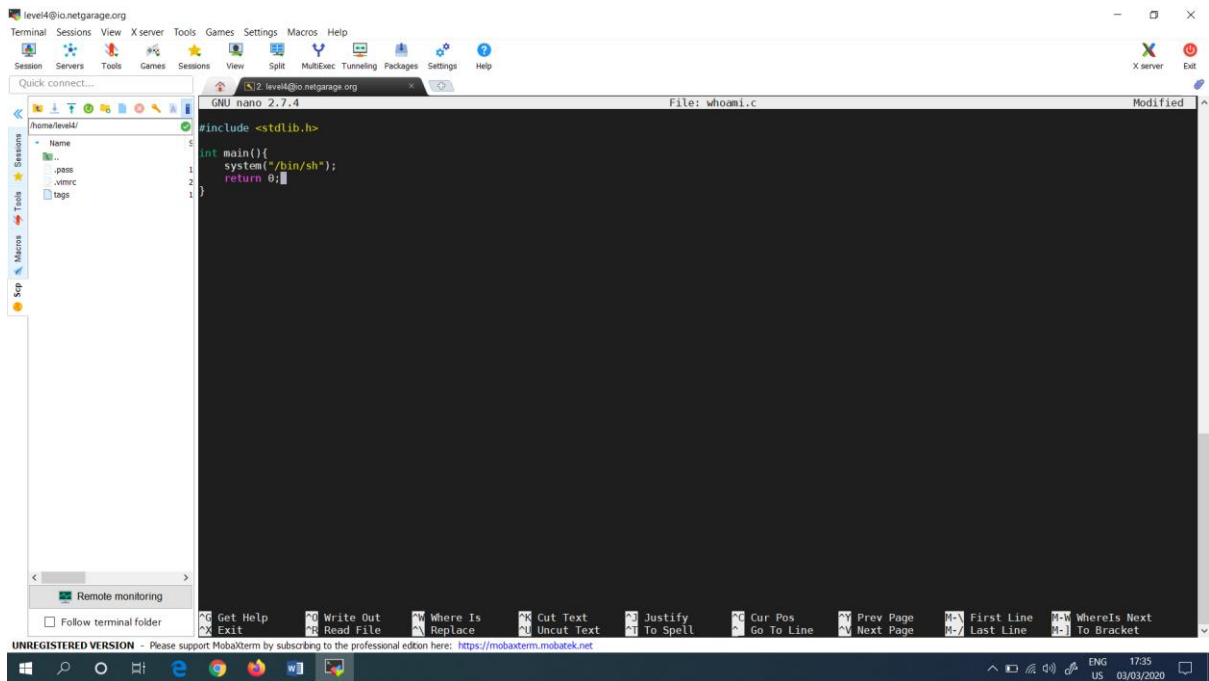


Figure 7: Modified command

Finally, I compiled the program. This is shown in Figure 8.

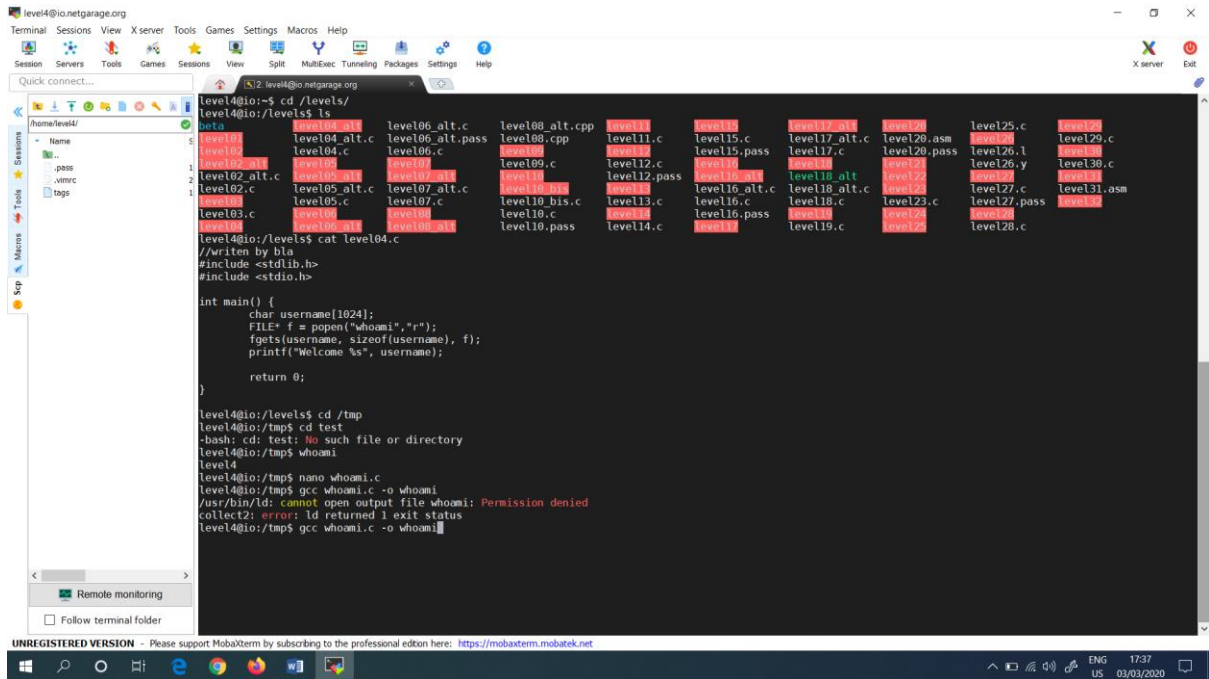


Figure 8: Compiled Program

Next, I checked the path, which is shown in Figure 9.

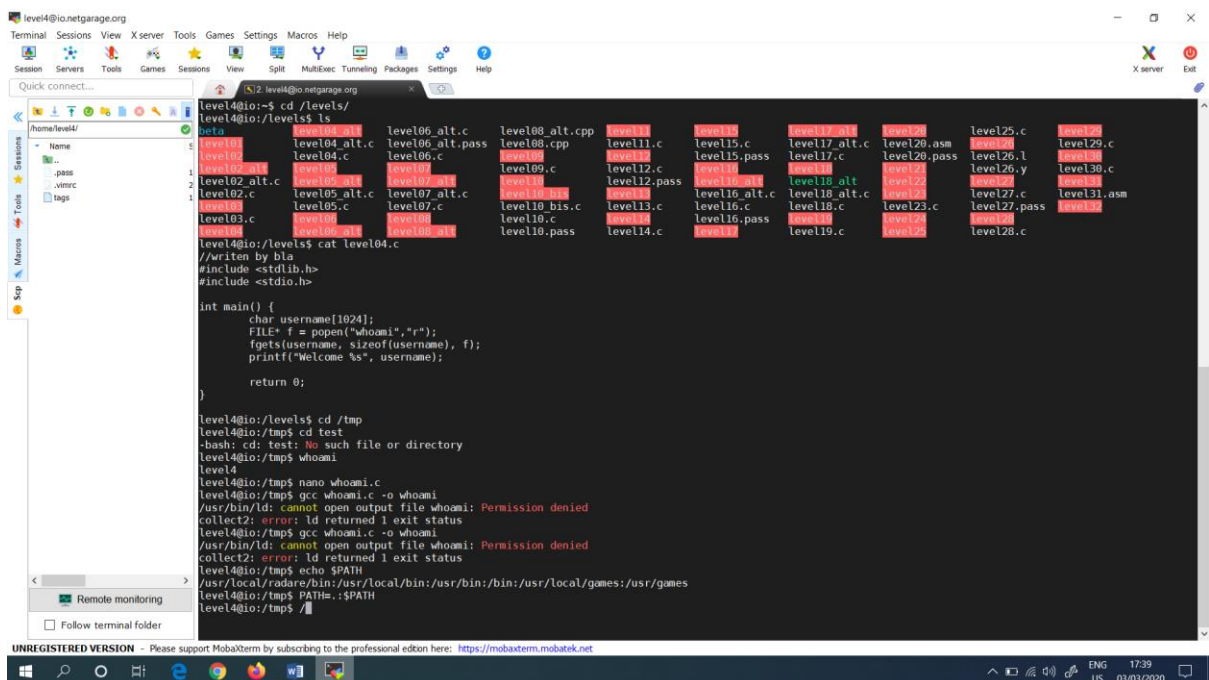


Figure 9: Checked the path

Finally, I got the password in order to login for level 5. The password is **DNLM3Vu0mZfX0pDd**. This is shown in Figure 10.

