OHTS Lab 1, Level 6

At first most for the sixth level, I opened the "MobaXterm" terminal and typed the Remote host as level6@io.netgarage.org and typed the port as 2224.

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 1).

Username – <u>level6@io.netgarage.org</u>

Password-U3A6ZtaTub14VmwV

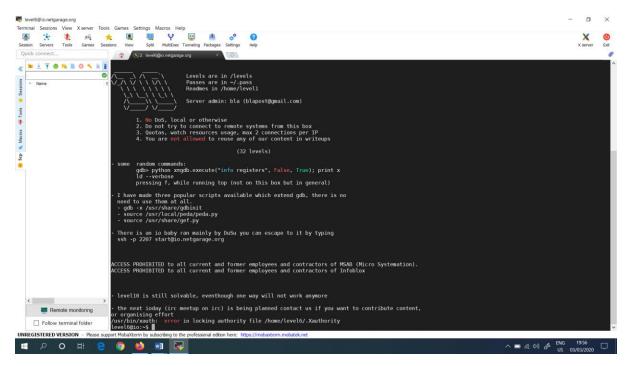


Figure 1: Typed Username and Password in order to login

In order to go to the level 6, need to do the following shell commands. They are as follows. First, need to change the directory name into levels. For this purpose, "cd/levels/" command is used.

Then, the "ls" command helps to identify what are the lists of files available. These are shown in Figure 2.

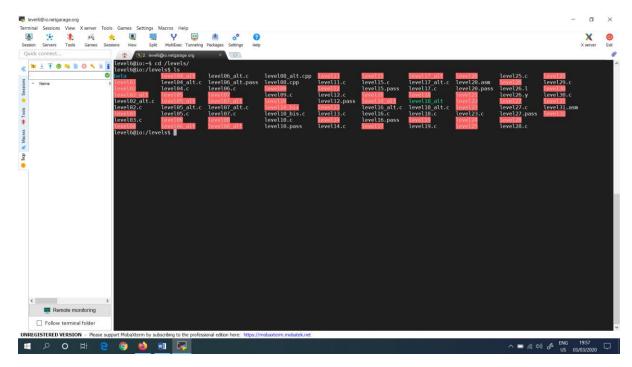


Figure 2: Typed "ls" command

Then, I read the level06 file with the following command. Namely, "cat level06.c". This is shown in Figure 3.

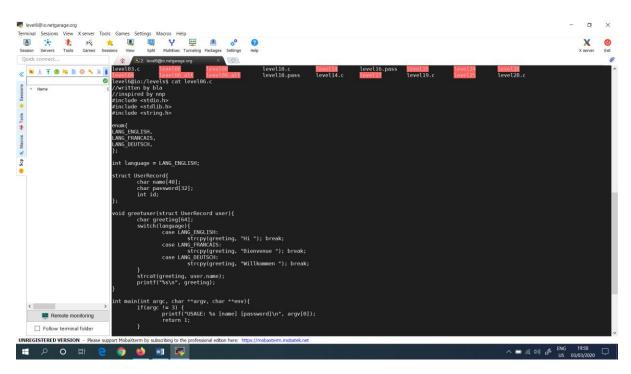


Figure 3: Typed "cat level06.c" command

Next, I viewed the file which is already inside the level06 with the following command namely, "nano getenv.c". This is shown in Figure 4.

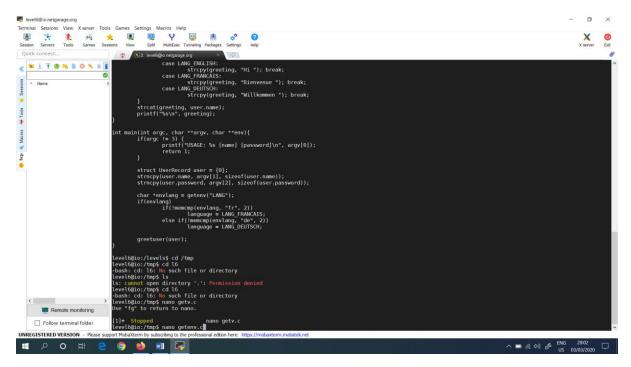


Figure 4: Typed "nano getenv.c" command

Next, it viewed the program which is already inside the level06. This is shown in Figure 5.

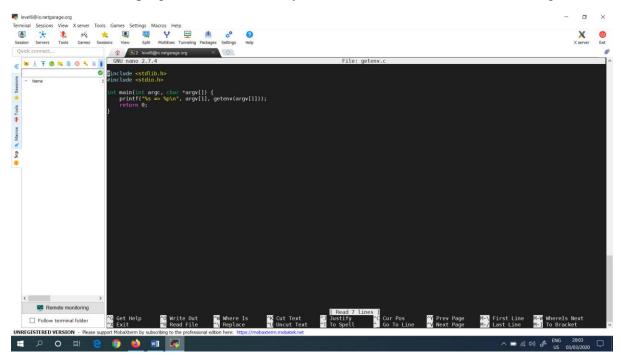


Figure 5: The program already inside level06

Next, I selected a particular language. Which shows a particular memory address. Next, I typed the Shell Code, which also gives a particular memory address. This can be seen in the following Figure 6.

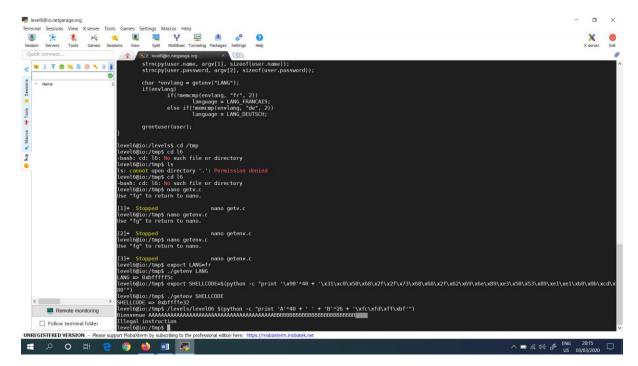


Figure 6: The Shell Code

Finally, it shows the password for to login to level 7 as, **U3A6ZtaTub14VmwV**. The password for this level can be derived by the following way, which is showed in Figure 7.

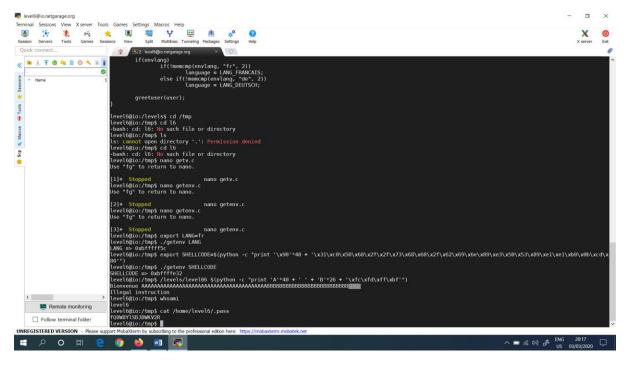


Figure 7: The derived Password for Level 7