

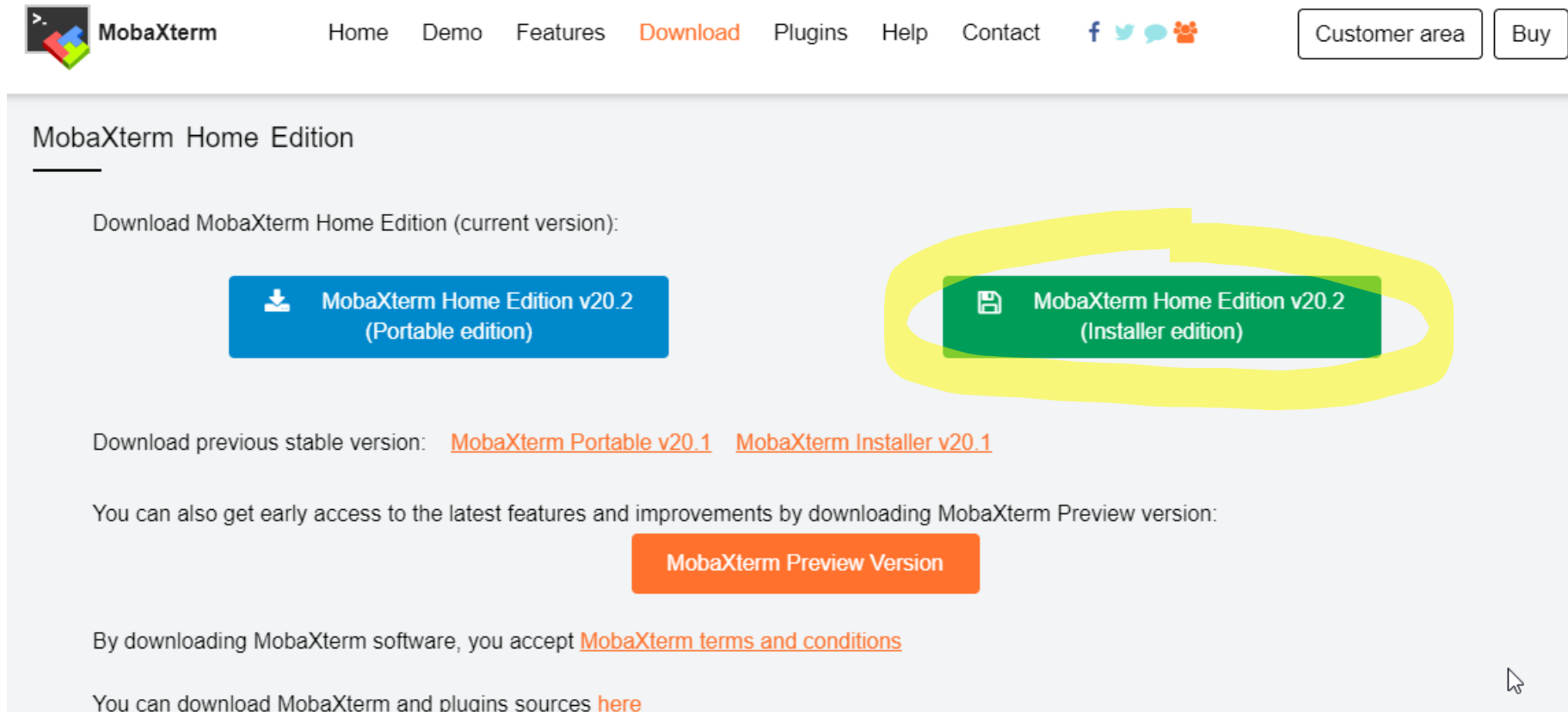
How to compile your C++ code in UNI06

1. Run the pulse secure



2. Install the terminal emulator

I will use MobaXterm which is easy to move files. You may use any other emulator (e.g. PuTTY , Xshell)



The screenshot shows the MobaXterm website's download section. The navigation bar at the top includes links for Home, Demo, Features, Download (highlighted in orange), Plugins, Help, and Contact, along with social media icons and buttons for 'Customer area' and 'Buy'. The main content area is titled 'MobaXterm Home Edition'. Under the heading 'Download MobaXterm Home Edition (current version):', there are two buttons: a blue button for 'MobaXterm Home Edition v20.2 (Portable edition)' and a green button for 'MobaXterm Home Edition v20.2 (Installer edition)'. The green button is circled in yellow. Below this, there is a link for 'Download previous stable version' pointing to 'MobaXterm Portable v20.1' and 'MobaXterm Installer v20.1'. Further down, a section for 'MobaXterm Preview Version' features an orange button. At the bottom, there is a disclaimer about accepting terms and conditions and a link to download sources.


MobaXterm


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MobaXterm Home Edition

Download MobaXterm Home Edition (current version):

 MobaXterm Home Edition v20.2 (Portable edition)

 MobaXterm Home Edition v20.2 (Installer edition)

Download previous stable version: [MobaXterm Portable v20.1](#) [MobaXterm Installer v20.1](#)

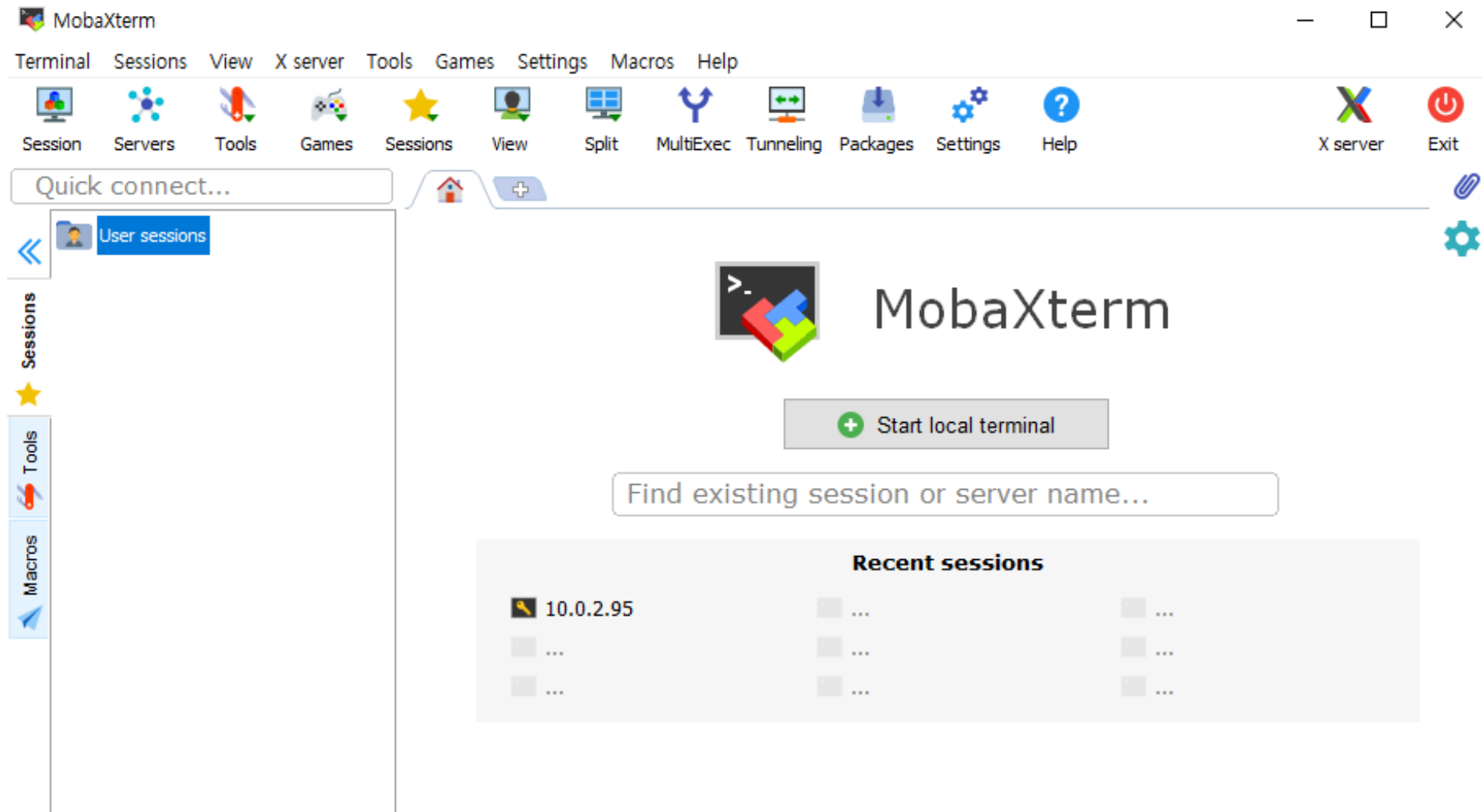
You can also get early access to the latest features and improvements by downloading MobaXterm Preview version:

MobaXterm Preview Version

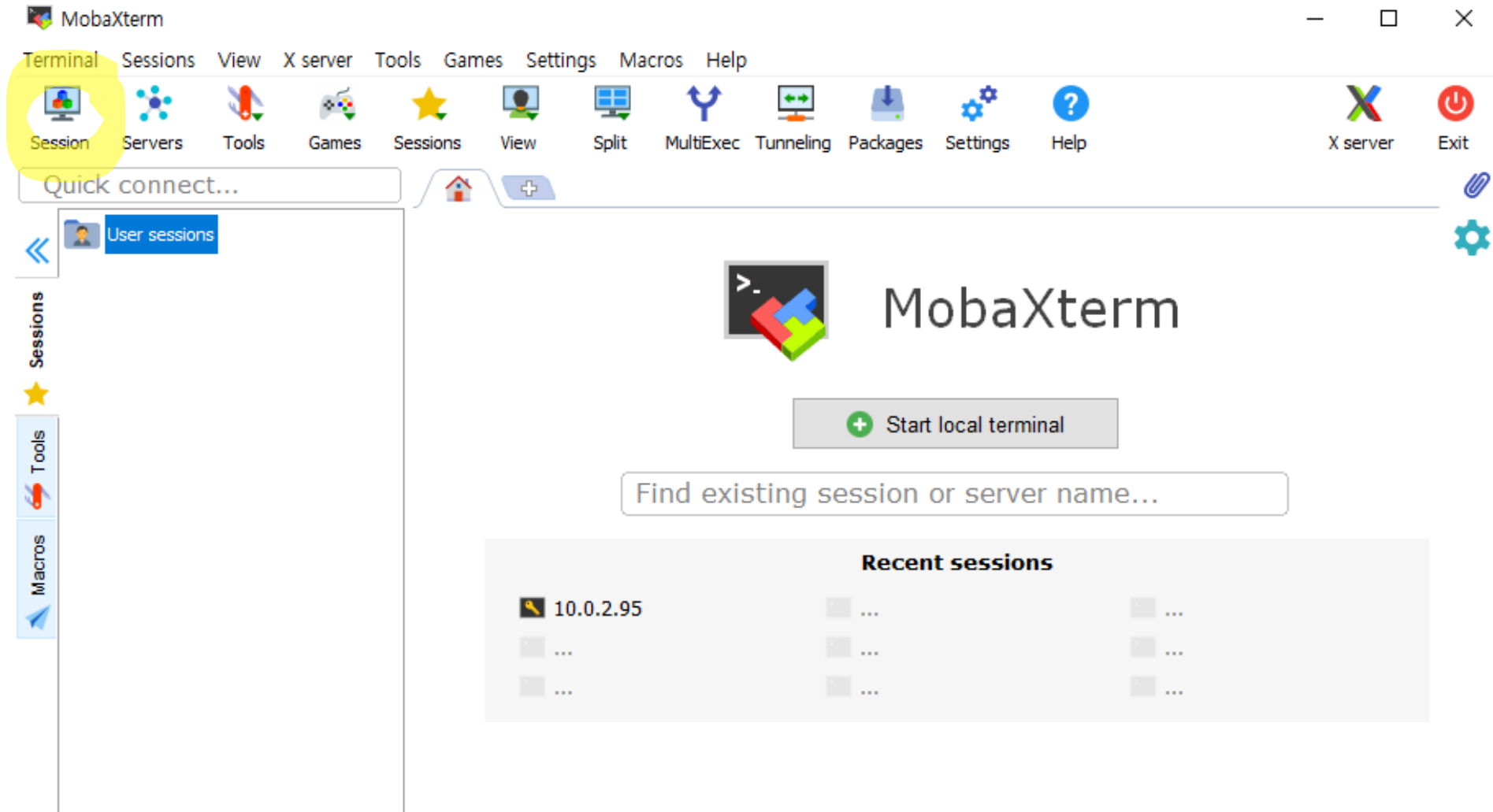
By downloading MobaXterm software, you accept [MobaXterm terms and conditions](#)

You can download MobaXterm and plugins sources [here](#)

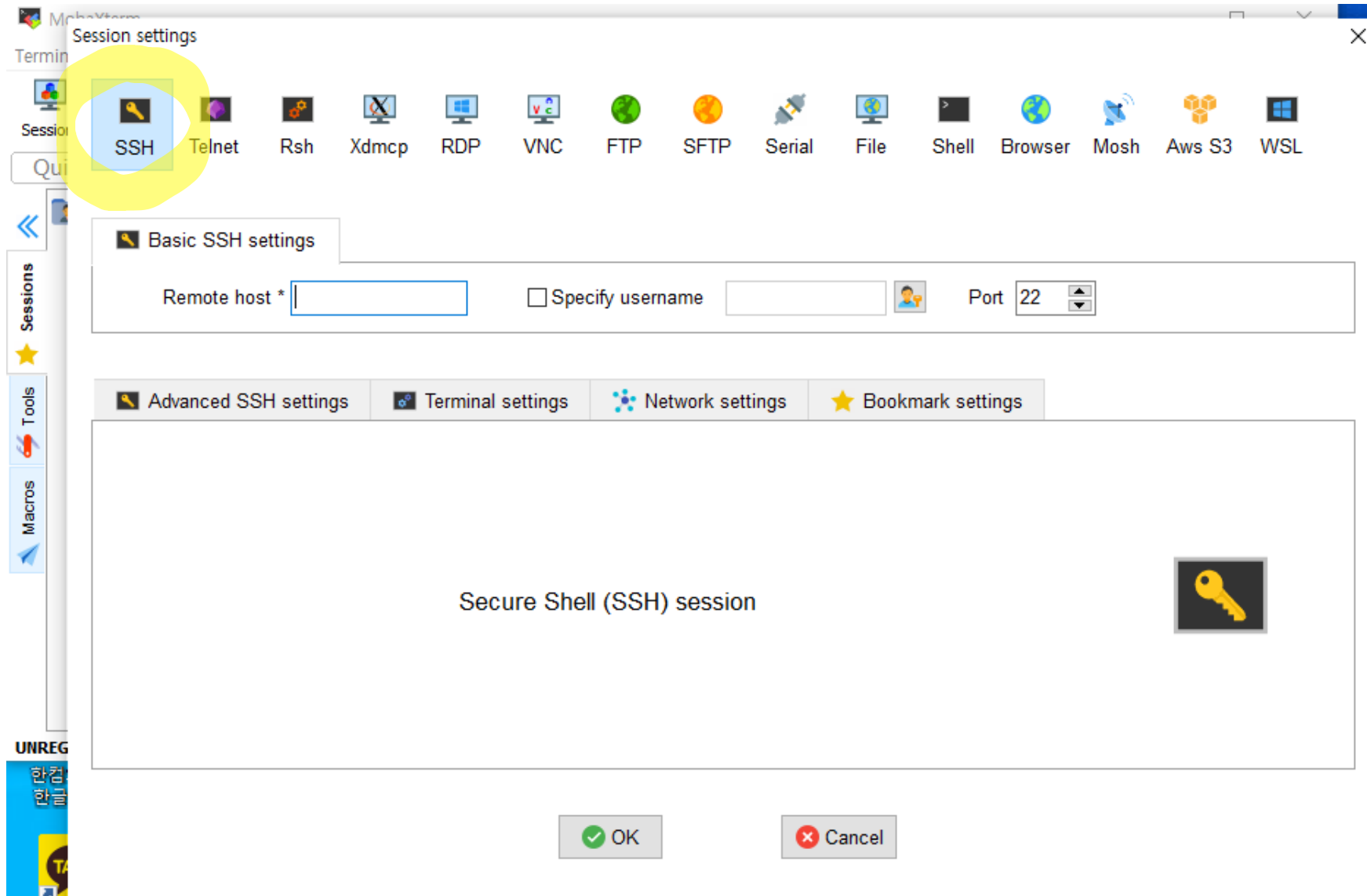
3. Execute MobaXterm



4. Click "Session"

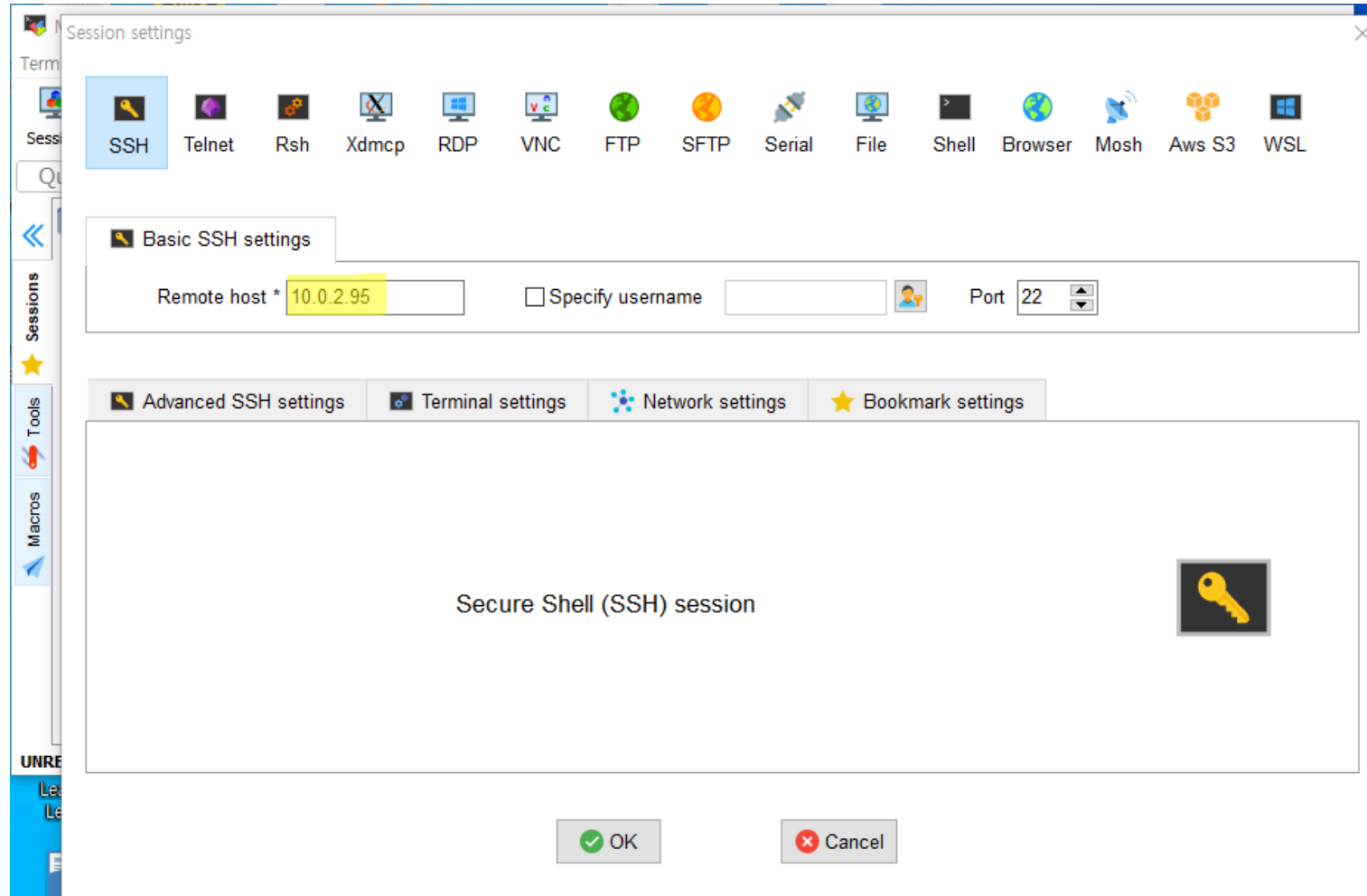


5. Click "SSH"



6. Type remote host and press "OK" button

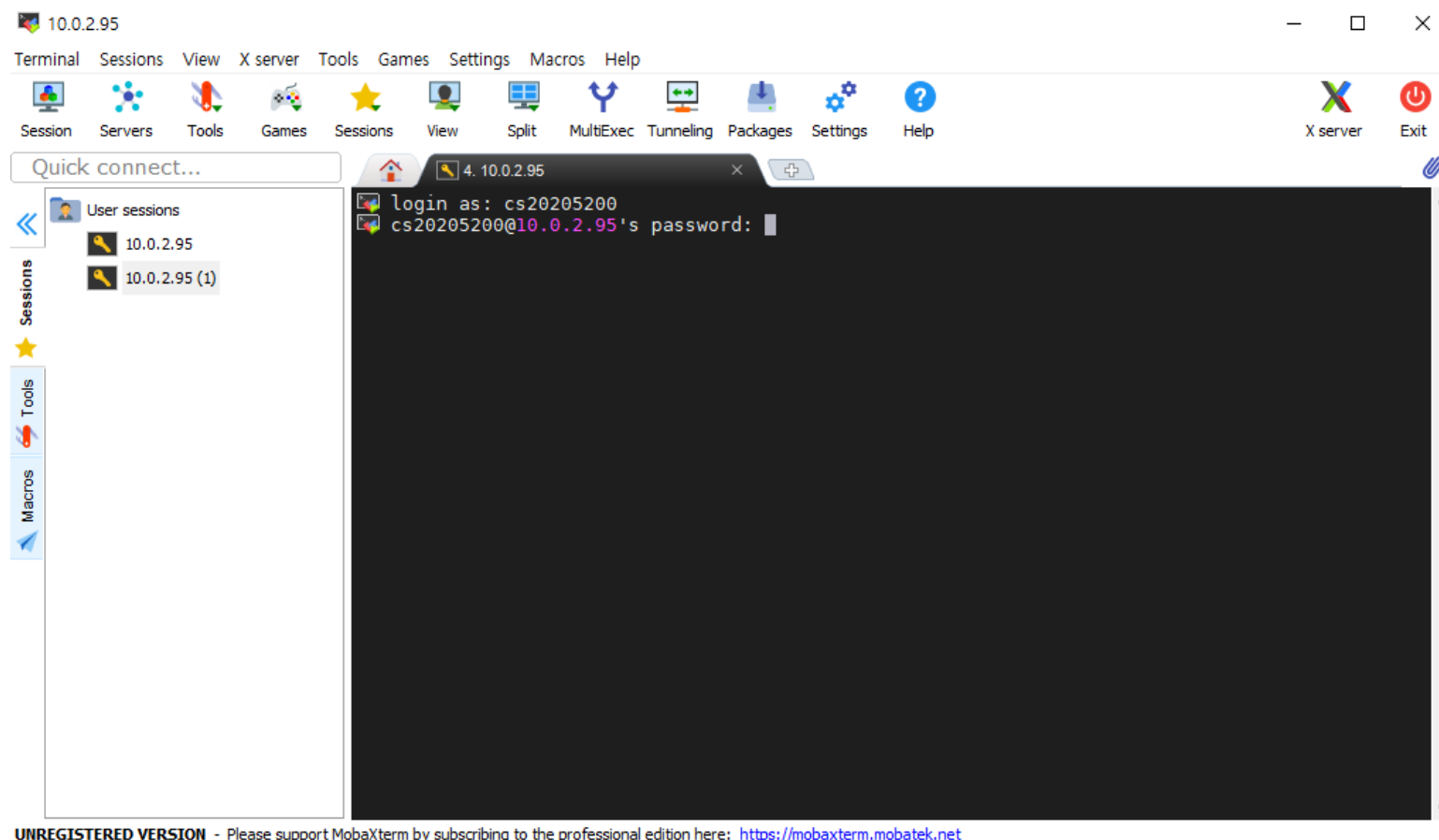
UNI06 server : 10.0.2.95



7. Type your ID and PW

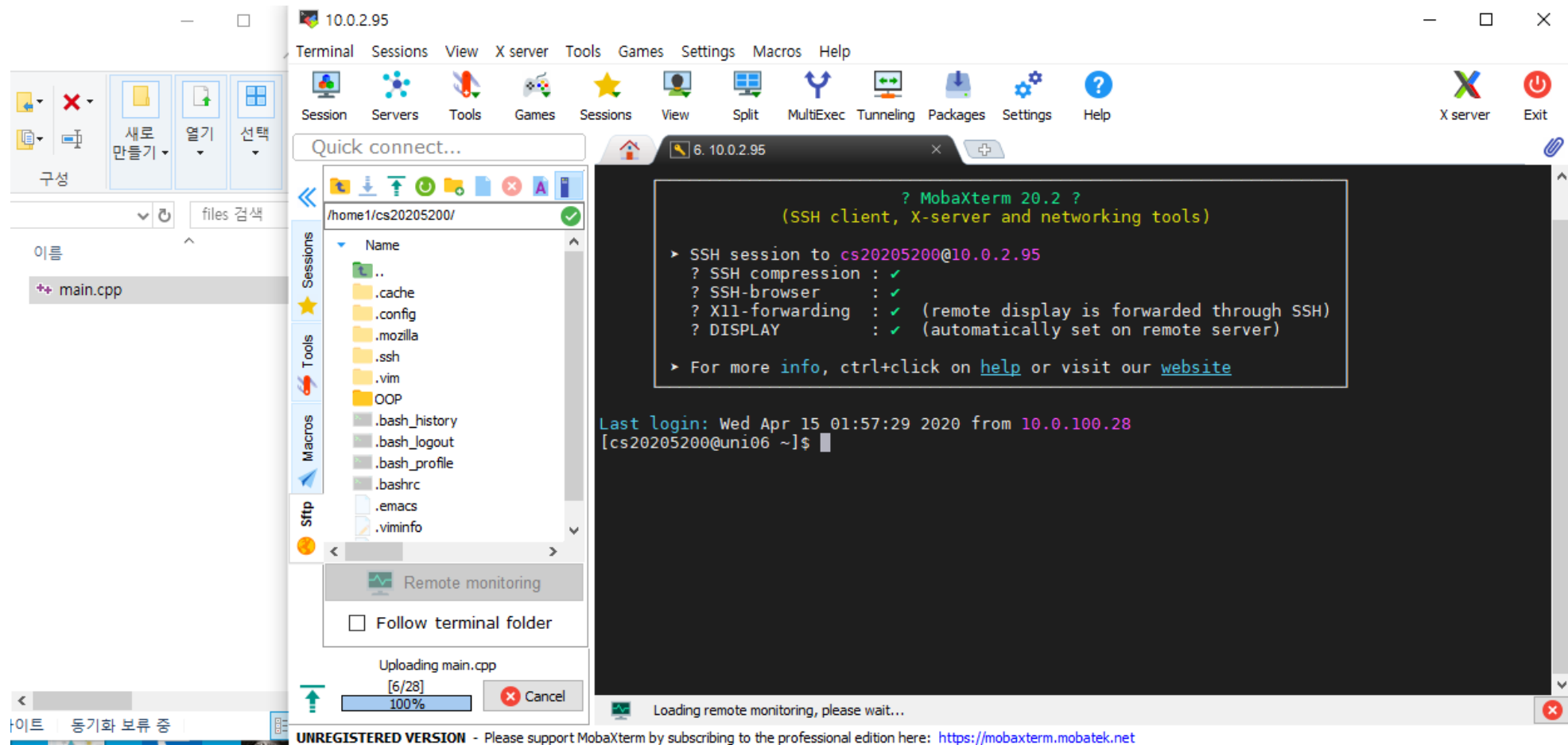
If you don't have an account in UNI06, your id is *cse{your student_num}* (not cs) and your initial password is same with id.

If you already have your account in UNI06, use your existing account.



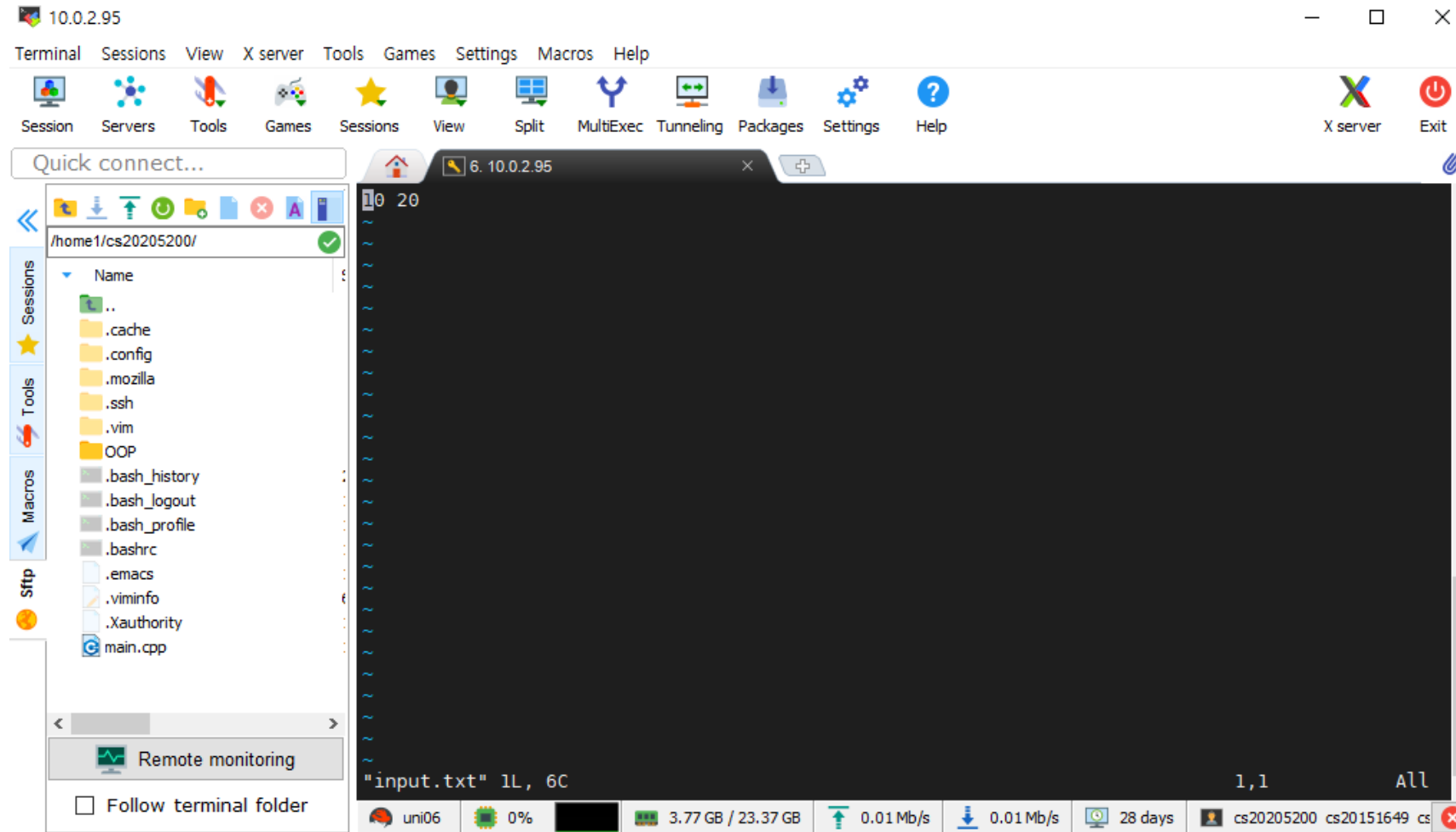
8. Move your cpp file

Just drag your file to Sftp tab. Your file name must be in English.



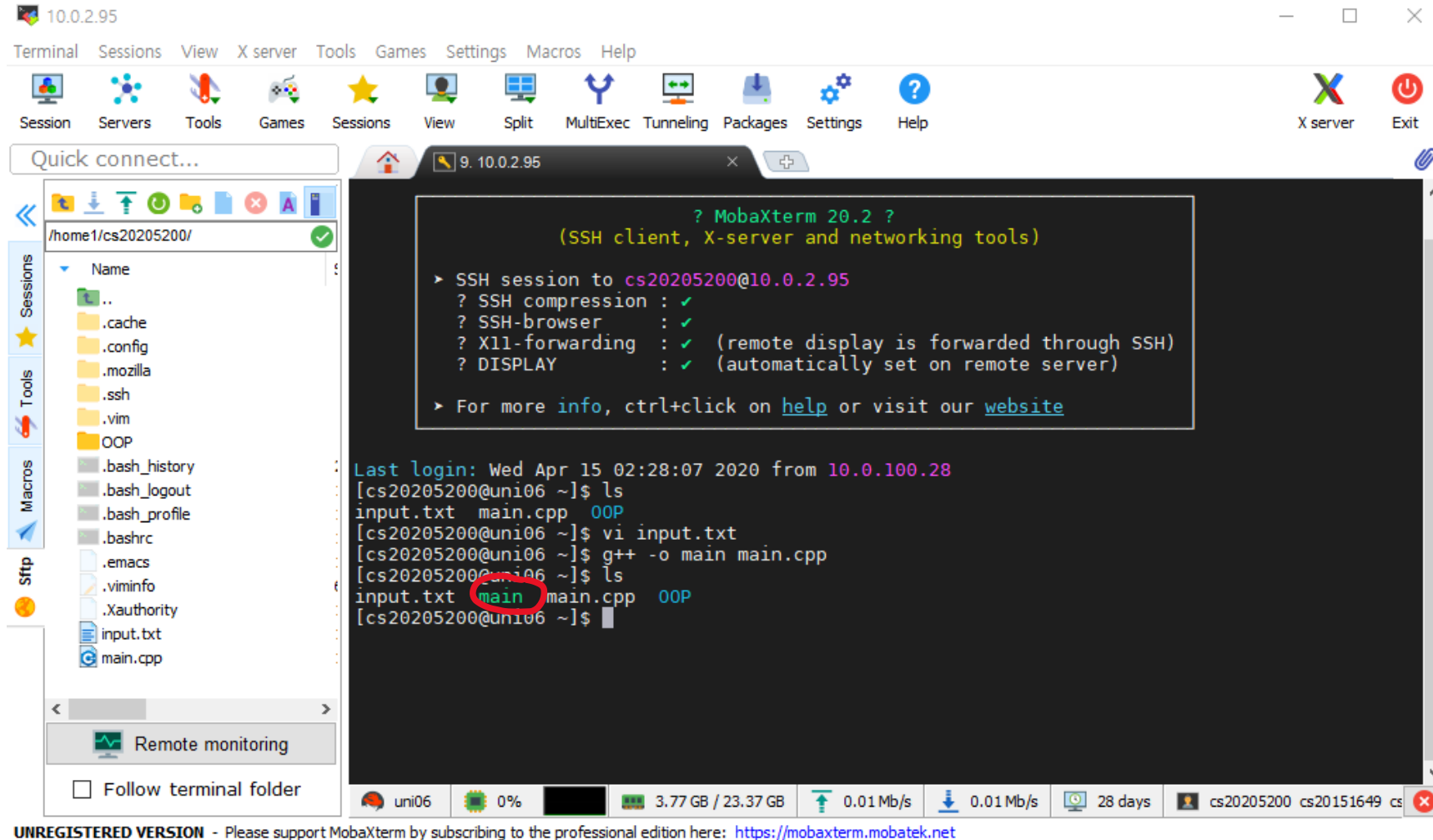
9. Make input file (Only for file I/O)

If your code use file I/O, your code need to read inputs from text file. All testcases for scoring will be in text file formats, once you learn about file I/O in the class.



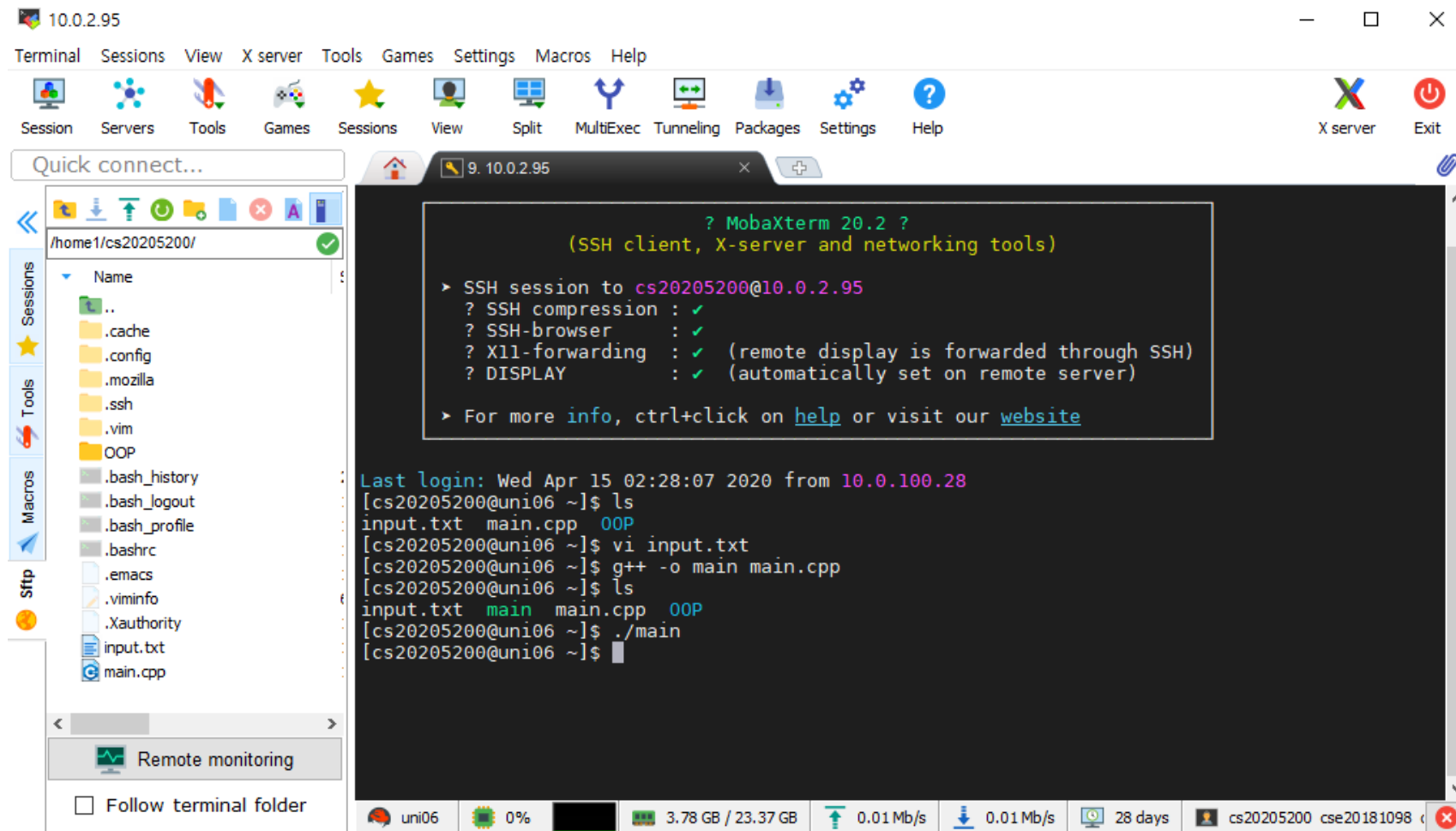
10. "g++ -o main main.cpp"

We'll use g++ compiler to compile your code. Write the command, "g++ -o main main.cpp"
And then the main file will be generated.



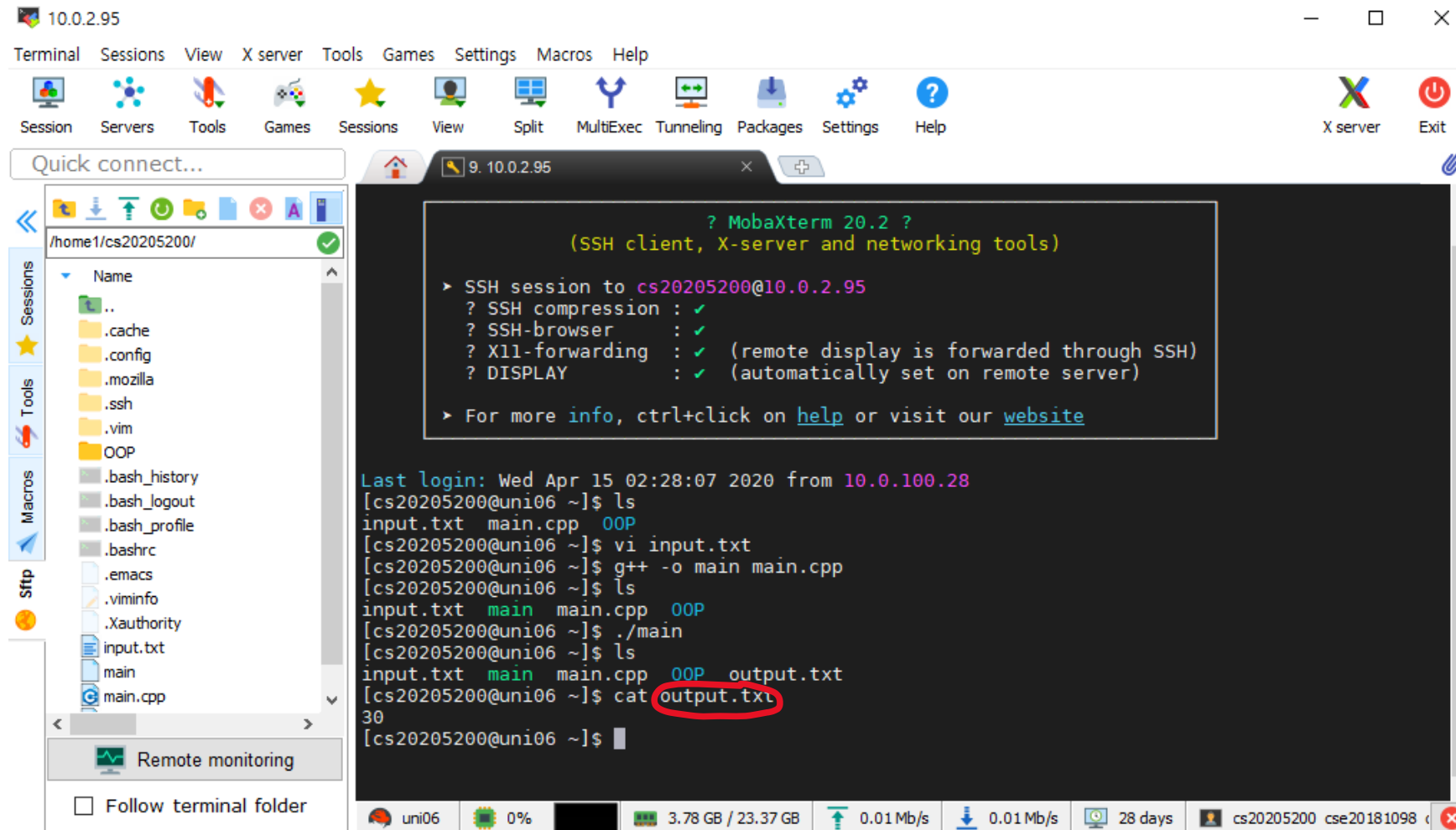
11. Run main file with command "./main"

If your code use console I/O, you need to type inputs by the keyboard to the console screen after running main file, and then outputs will be displayed on the console screen.



12. Check output.txt (Only for file I/O)

But if your code use file I/O, a new output text file will be generated.



The screenshot displays the MobaXterm 20.2 application window. The left sidebar shows a file explorer for the remote host `/home1/cs20205200/`, listing files like `input.txt`, `main.cpp`, and `output.txt`. The main terminal window shows the following session:

```
? MobaXterm 20.2 ?  
(SSH client, X-server and networking tools)  
  
> SSH session to cs20205200@10.0.2.95  
? SSH compression : ✓  
? SSH-browser : ✓  
? X11-forwarding : ✓ (remote display is forwarded through SSH)  
? DISPLAY : ✓ (automatically set on remote server)  
  
> For more info, ctrl+click on help or visit our website  
  
Last login: Wed Apr 15 02:28:07 2020 from 10.0.100.28  
[cs20205200@uni06 ~]$ ls  
input.txt  main.cpp  OOP  
[cs20205200@uni06 ~]$ vi input.txt  
[cs20205200@uni06 ~]$ g++ -o main main.cpp  
[cs20205200@uni06 ~]$ ls  
input.txt  main  main.cpp  OOP  
[cs20205200@uni06 ~]$ ./main  
[cs20205200@uni06 ~]$ ls  
input.txt  main  main.cpp  OOP  output.txt  
[cs20205200@uni06 ~]$ cat output.txt  
30  
[cs20205200@uni06 ~]$
```

The `output.txt` file name in the terminal output is circled in red. The status bar at the bottom shows system information like CPU usage (0%), memory (3.78 GB / 23.37 GB), and network speed (0.01 Mb/s).

Notes

- The compiler version is g++ 4.8.5

```
[cs20205200@uni06 ~]$ g++ --version
g++ (GCC) 4.8.5 20150623 (Red Hat 4.8.5-36)
Copyright (C) 2015 Free Software Foundation, Inc.
This is free software; see the source for copying conditions. There is NO
warranty; not even for MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.
```

- You can change your own password by command "passwd"
- Remember that the first coursework requires console I/O (like cin, cout, etc.) , not file I/O.

Contact

If you have any question, please just email on
supersoob@unist.ac.kr

Thank you😊