Computer Architecture & Real-Time Operating System

T1. WSL 2 설치

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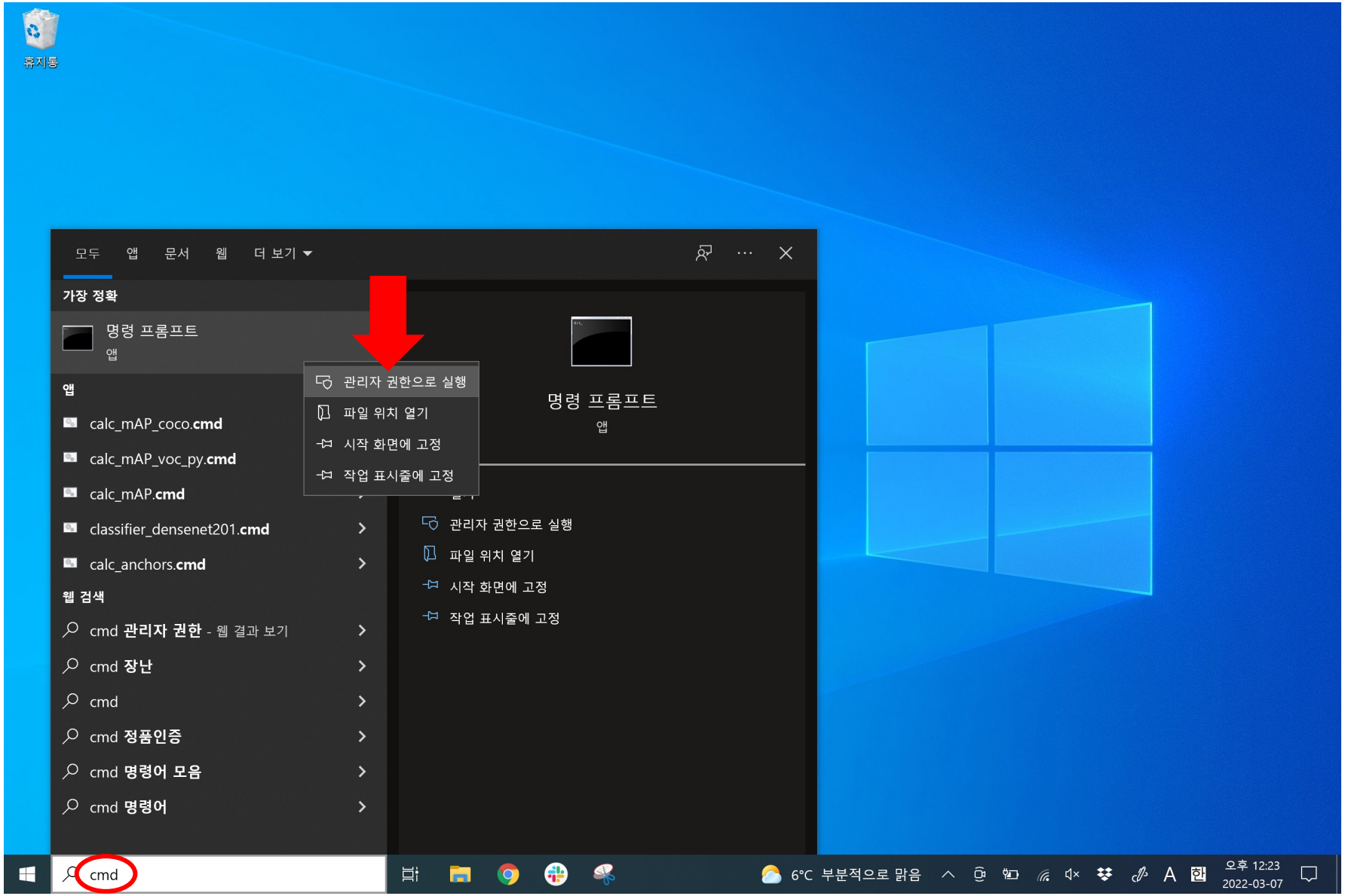
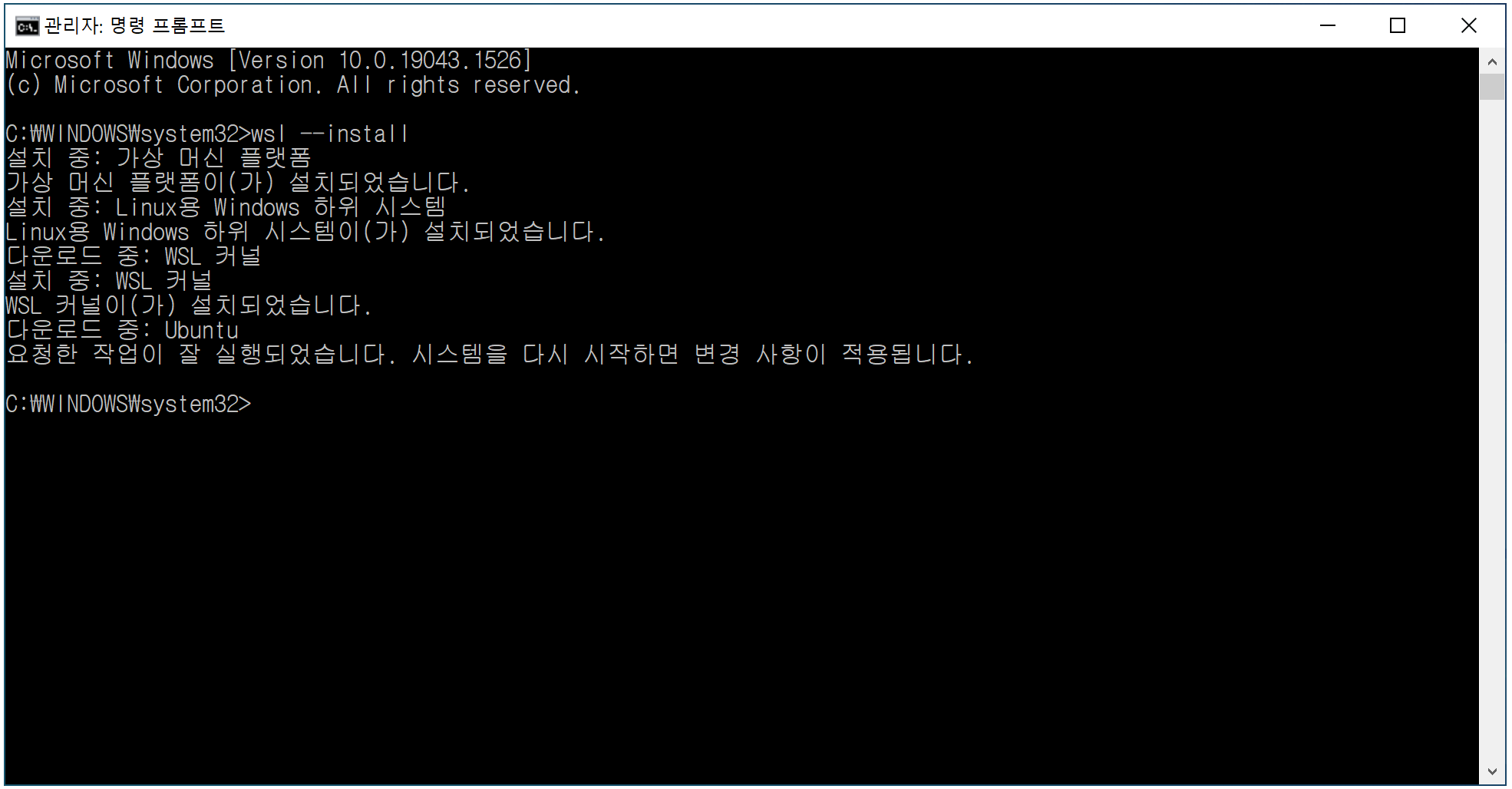
Dept. Automobile and IT Convergence

KMU 국민대학교 KOOKMIN UNIVERSITY

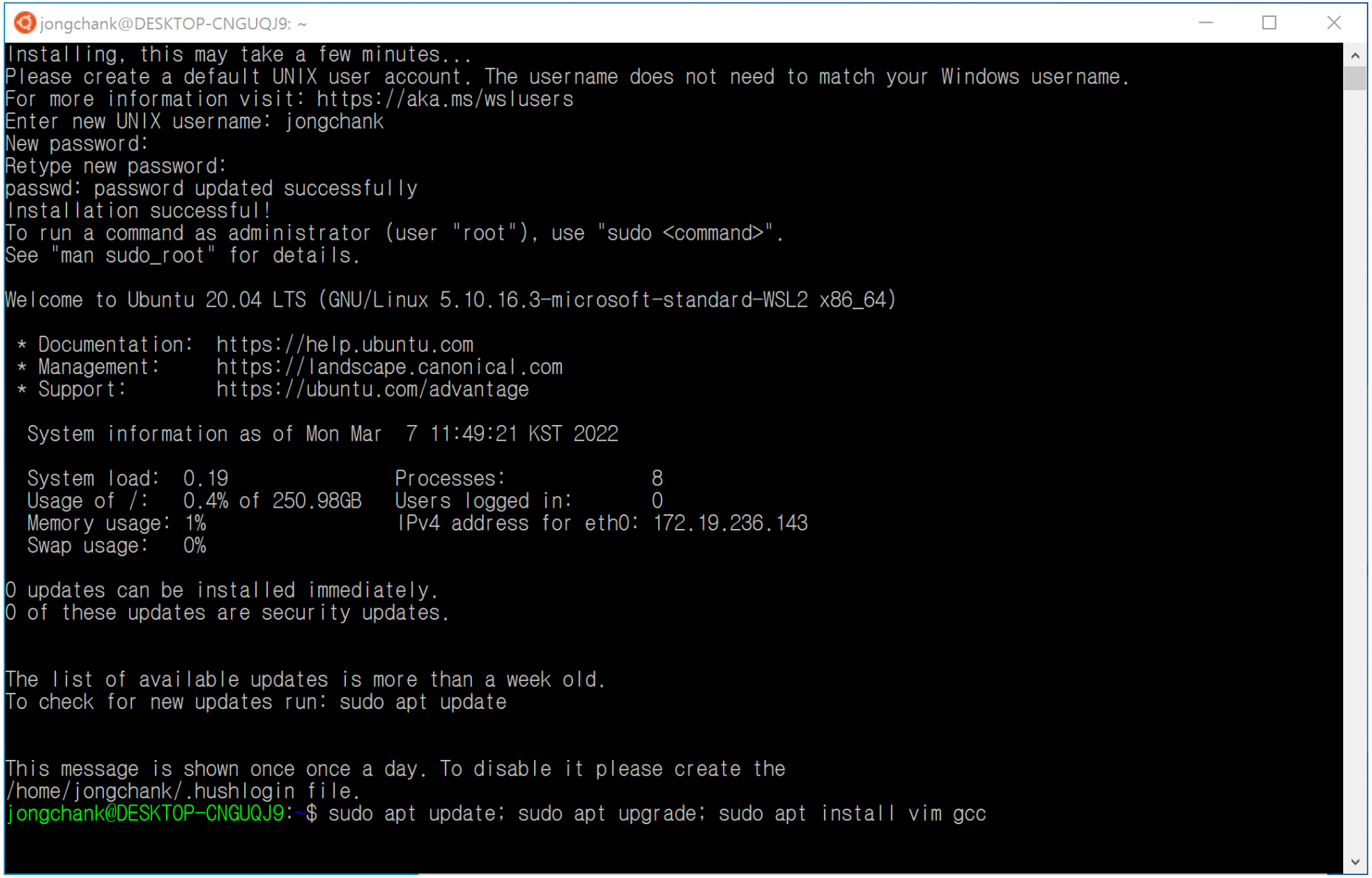
관리자 권한으로 CMD 실행



WSL 2 설치 후 재부팅

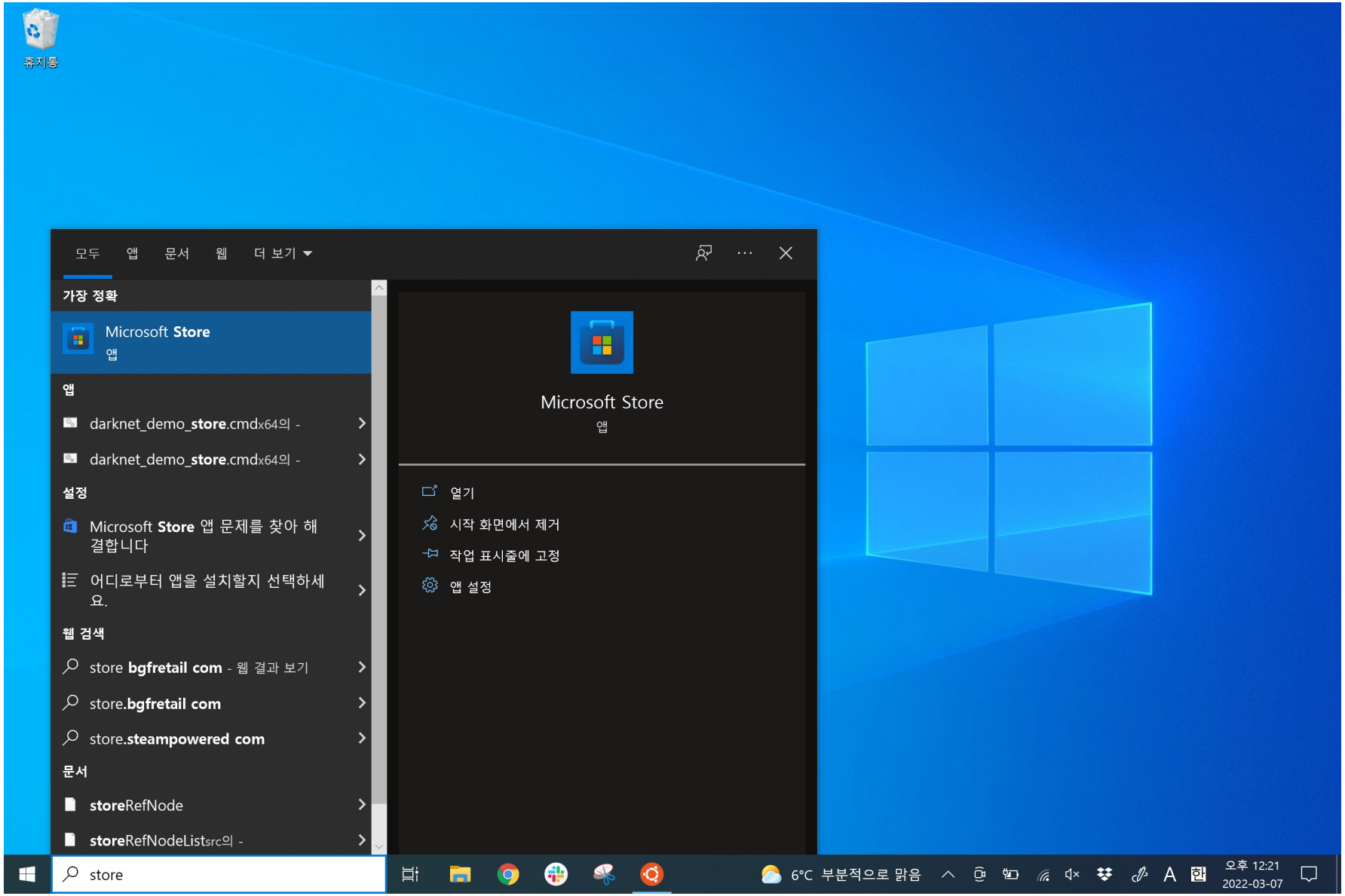

관리자: 명령 프롬프트
Microsoft Windows [Version 10.0.19043.1526]
(c) Microsoft Corporation. All rights reserved.
C:₩WINDOWS₩system32>wsl --install
설치 중: 가상 머신 플랫폼
가상 머신 플랫폼이(가) 설치되었습니다.
설치 중: Linux용 Windows 하위 시스템
Linux용 Windows 하위 시스템이(가) 설치되었습니다.
다운로드 중: WSL 커널
설치 중: WSL 커널
WSL 커널이(가) 설치되었습니다.
다운로드 중: Ubuntu
요청한 작업이 잘 실행되었습니다. 시스템을 다시 시작하면 변경 사항이 적용됩니다.
C:₩WINDOWS₩system32>

우분투 리눅스 계정 등록 및 패키지 업데이트

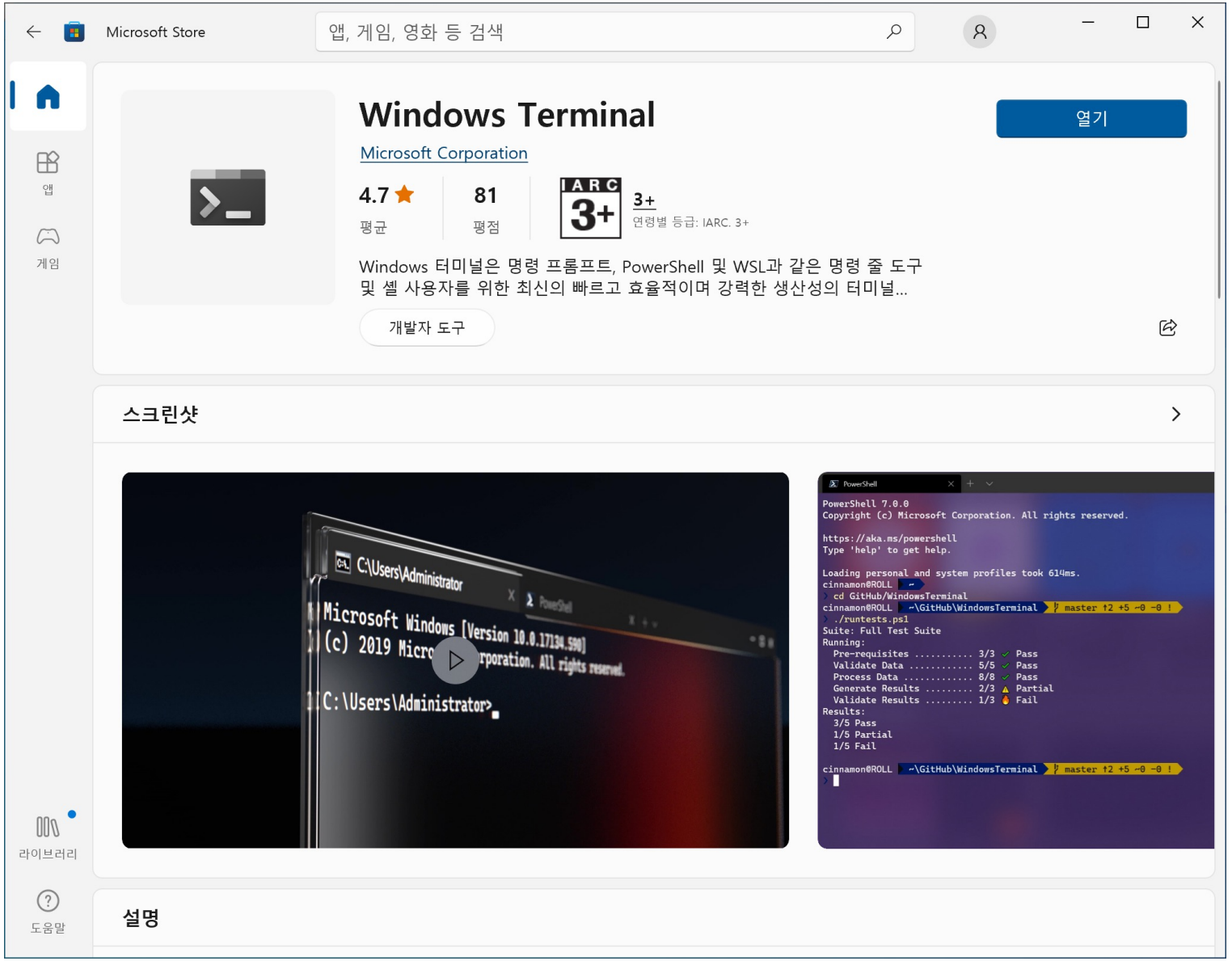


PC 이름 수정 (optional)

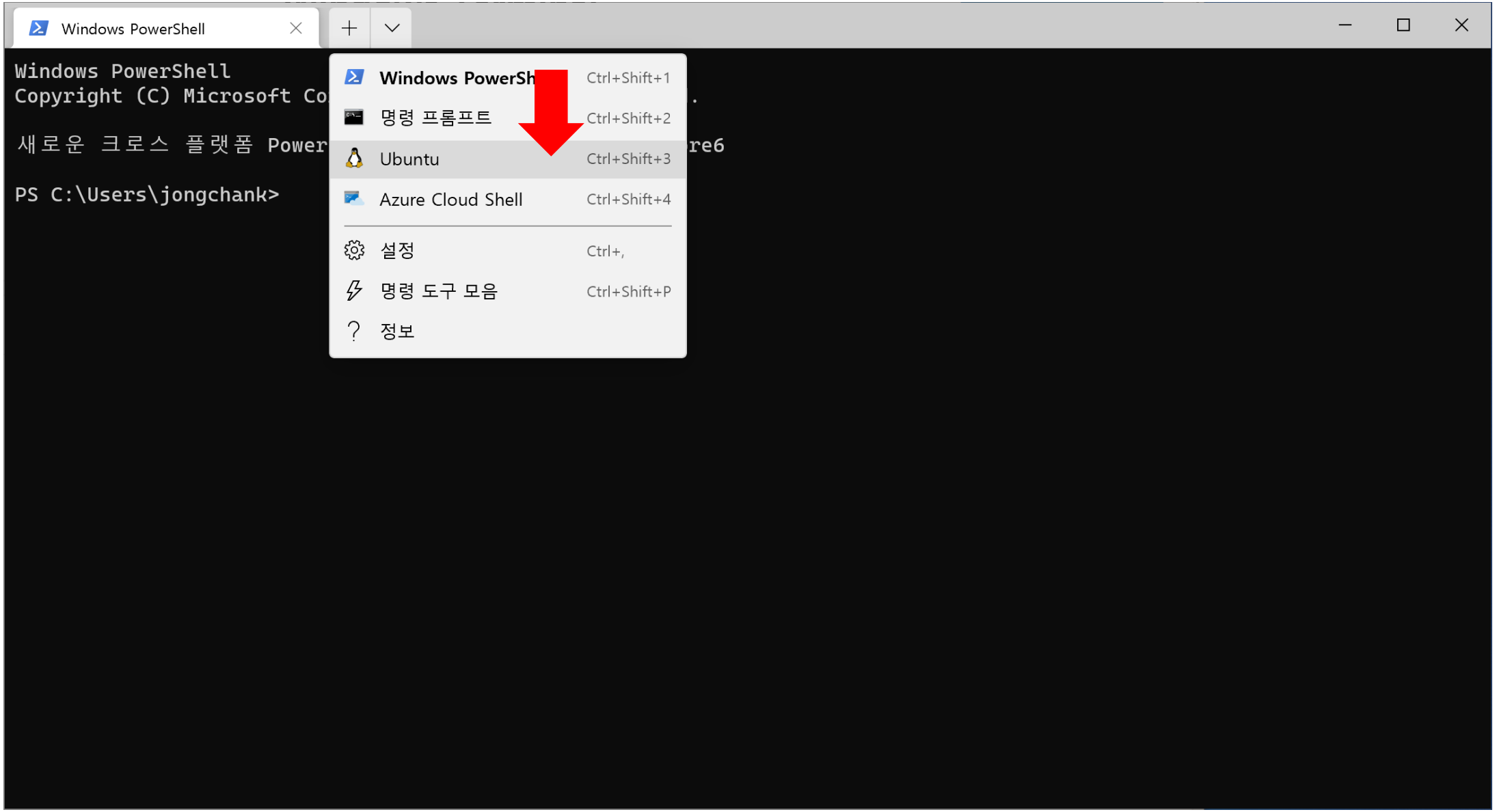
Microsoft Store 실행



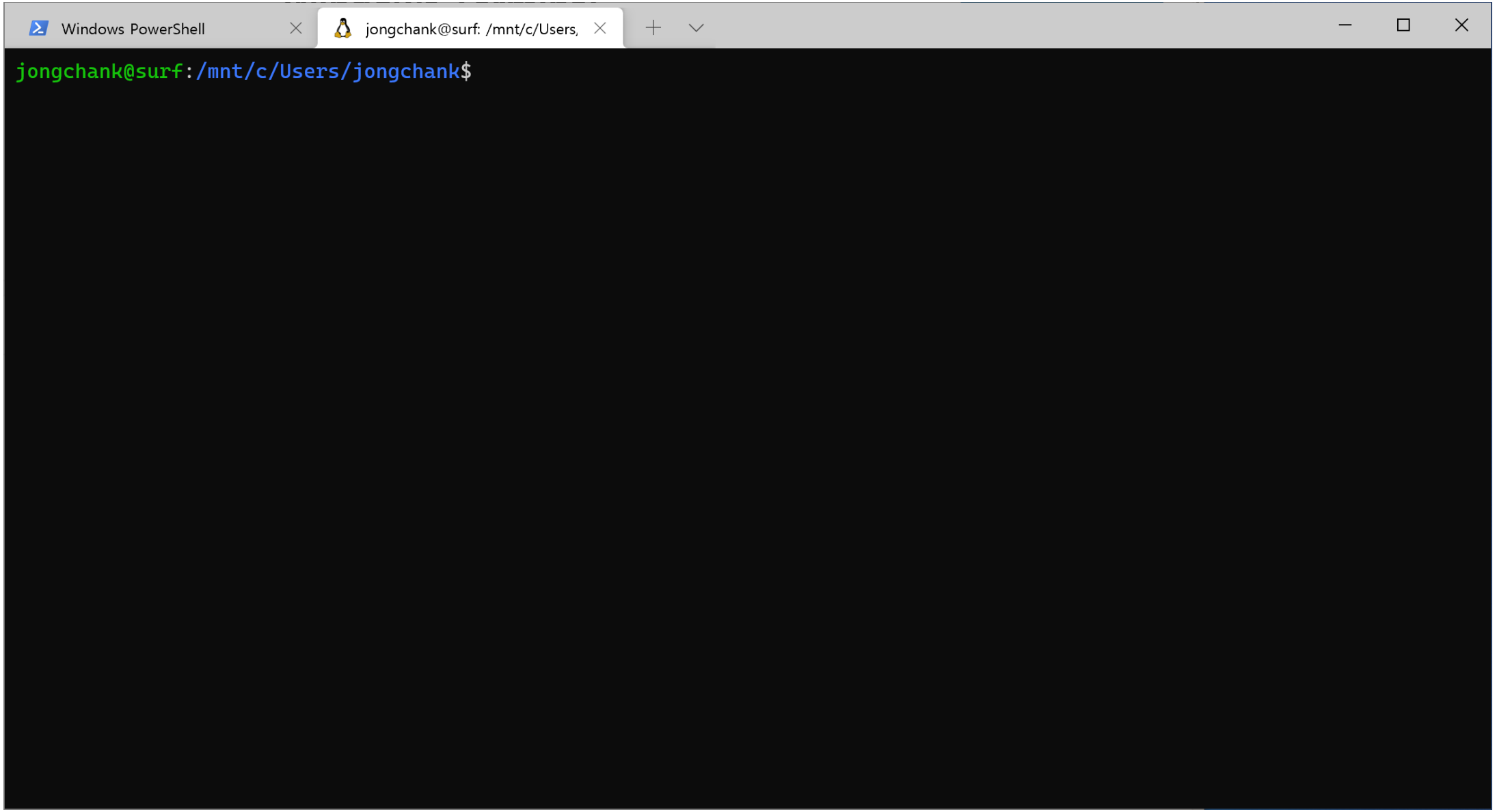
Windows Terminal 설치 후 실행



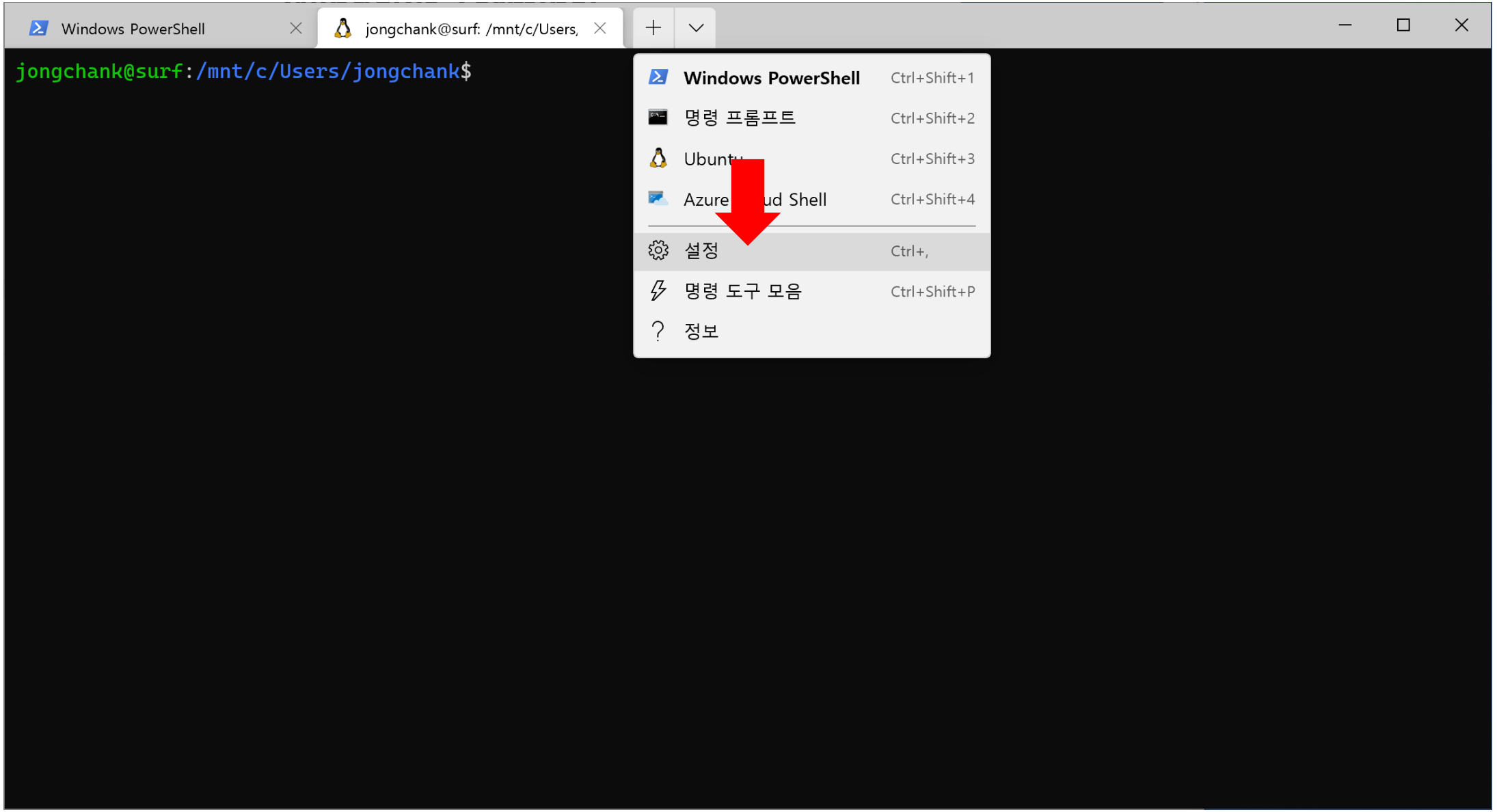
우분투 창 새로 실행


Windows PowerShell
Windows PowerShell
Copyright (C) Microsoft Co
새로운 크로스 플랫폼 Power
re6
PS C:\Users\jongchank>
Windows PowerSh Ctrl+Shift+1
명령 프롬프트 Ctrl+Shift+2
Ubuntu Ctrl+Shift+3
Azure Cloud Shell Ctrl+Shift+4
설정 Ctrl+,
명령 도구 모음 Ctrl+Shift+P
정보

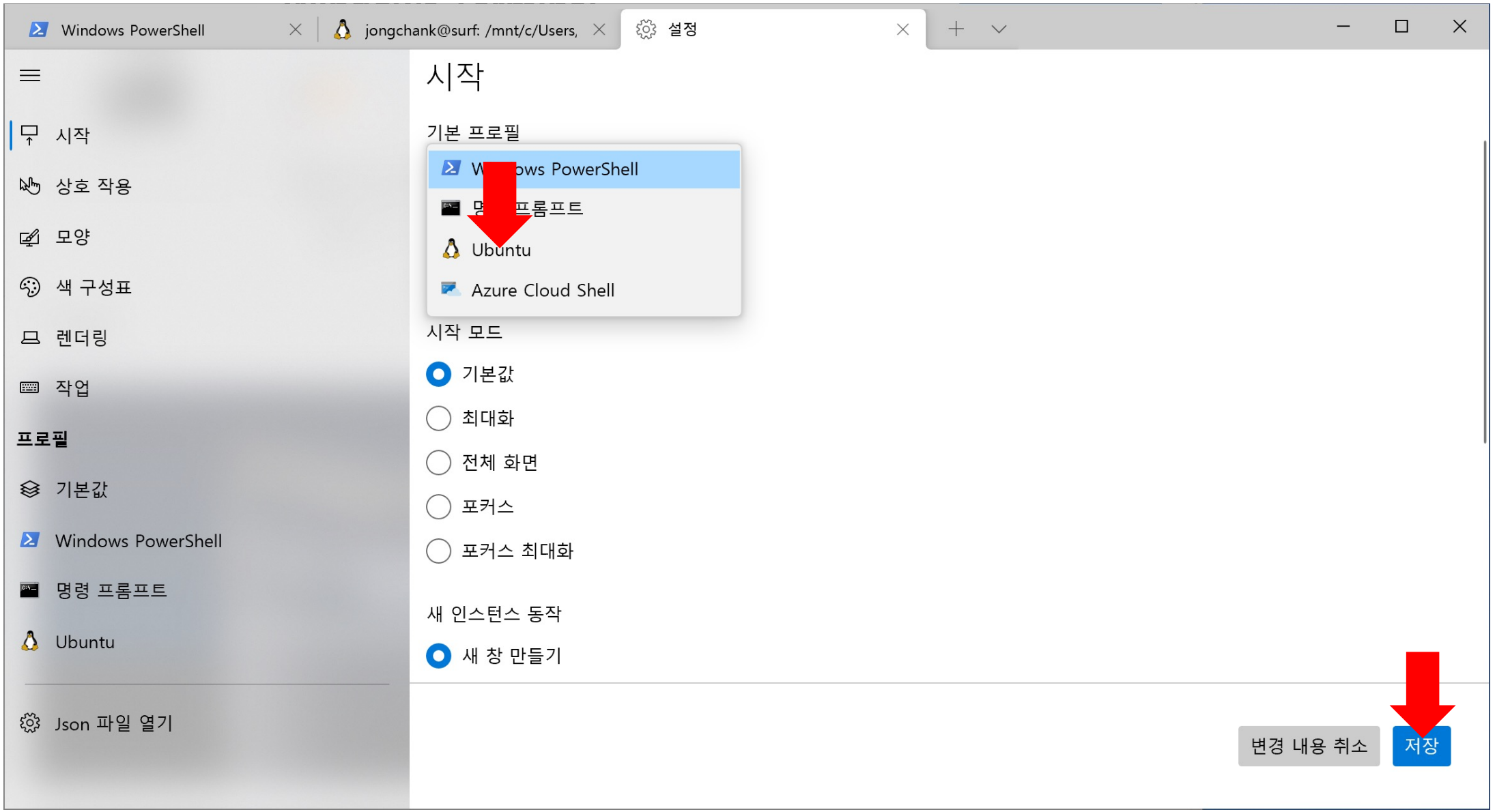
우분투 리눅스 초기 화면


Windows PowerShell
jongchank@surf: /mnt/c/Users,
jongchank@surf:/mnt/c/Users/jongchank$

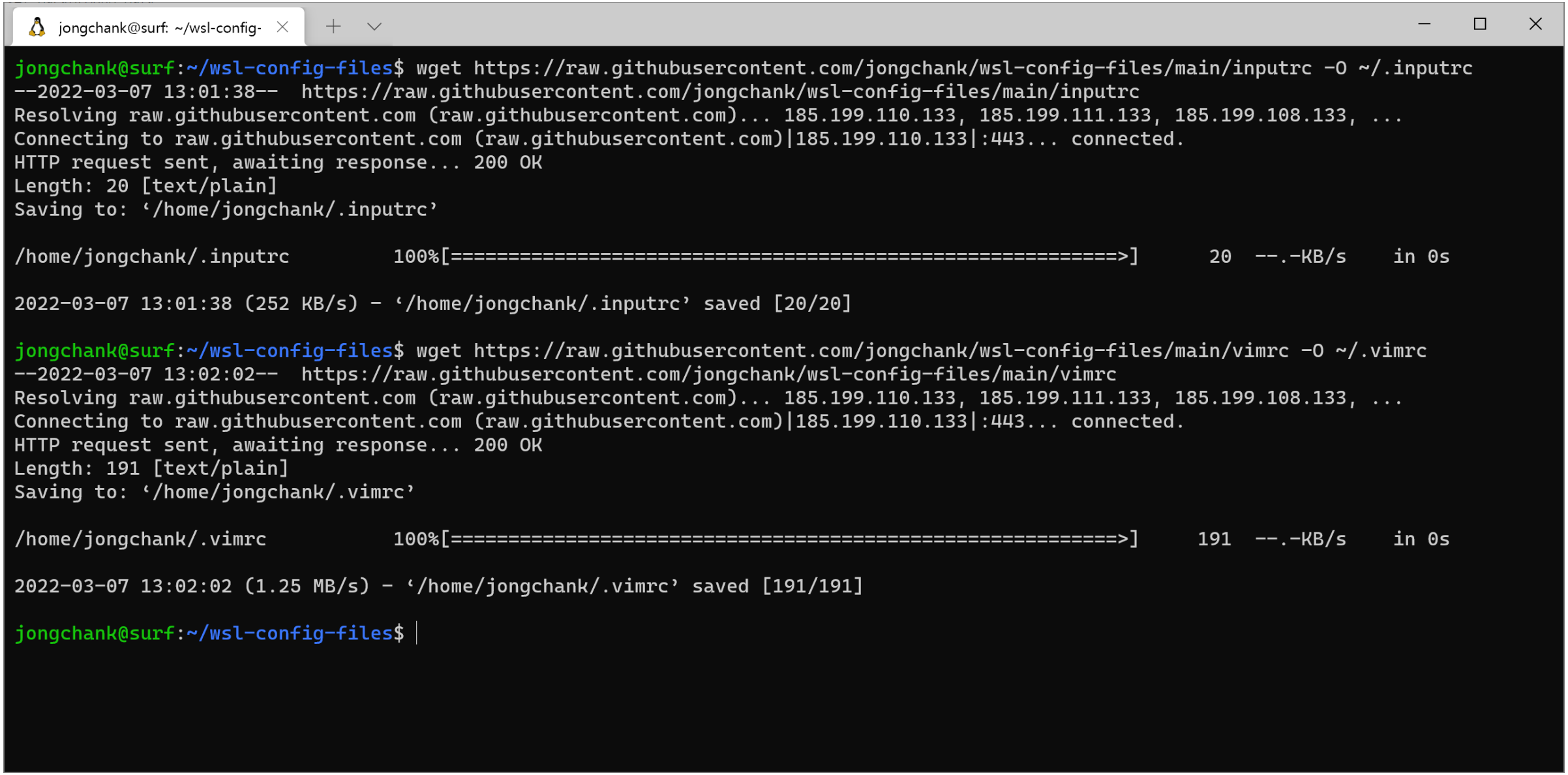
설정


Windows PowerShell
jongchank@surf: /mnt/c/Users,
jongchank@surf:/mnt/c/Users/jongchank$
Windows PowerShell Ctrl+Shift+1
명령 프롬프트 Ctrl+Shift+2
Ubuntu Ctrl+Shift+3
Azure Cloud Shell Ctrl+Shift+4
설정 Ctrl+,
명령 도구 모음 Ctrl+Shift+P
정보

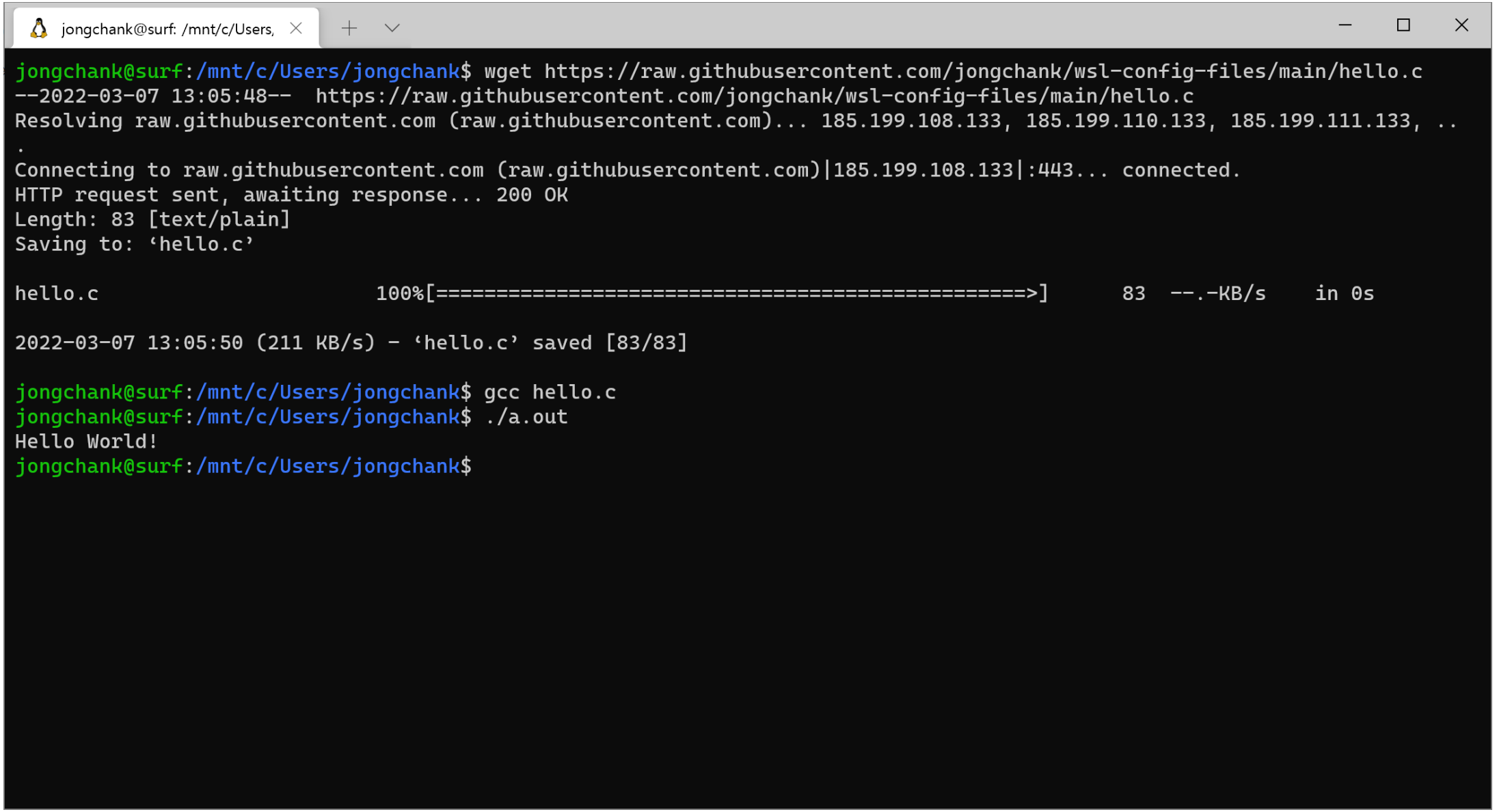
우분투 리눅스를 기본 프로필로



초기 설정 파일 다운로드


jongchank@surf: ~/wsl-config-
jongchank@surf:~/wsl-config-files$ wget https://raw.githubusercontent.com/jongchank/wsl-config-files/main/inputrc -O ~/.inputrc
--2022-03-07 13:01:38-- https://raw.githubusercontent.com/jongchank/wsl-config-files/main/inputrc
Resolving raw.githubusercontent.com (raw.githubusercontent.com)... 185.199.110.133, 185.199.111.133, 185.199.108.133, ...
Connecting to raw.githubusercontent.com (raw.githubusercontent.com)|185.199.110.133|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 20 [text/plain]
Saving to: '/home/jongchank/.inputrc'
/home/jongchank/.inputrc 100%[=>] 20 --.-KB/s in 0s
2022-03-07 13:01:38 (252 KB/s) - '/home/jongchank/.inputrc' saved [20/20]
jongchank@surf:~/wsl-config-files$ wget https://raw.githubusercontent.com/jongchank/wsl-config-files/main/vimrc -O ~/.vimrc
--2022-03-07 13:02:02-- https://raw.githubusercontent.com/jongchank/wsl-config-files/main/vimrc
Resolving raw.githubusercontent.com (raw.githubusercontent.com)... 185.199.110.133, 185.199.111.133, 185.199.108.133, ...
Connecting to raw.githubusercontent.com (raw.githubusercontent.com)|185.199.110.133|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 191 [text/plain]
Saving to: '/home/jongchank/.vimrc'
/home/jongchank/.vimrc 100%[=>] 191 --.-KB/s in 0s
2022-03-07 13:02:02 (1.25 MB/s) - '/home/jongchank/.vimrc' saved [191/191]
jongchank@surf:~/wsl-config-files$

Hello World 다운로드, 컴파일, 실행



Questions