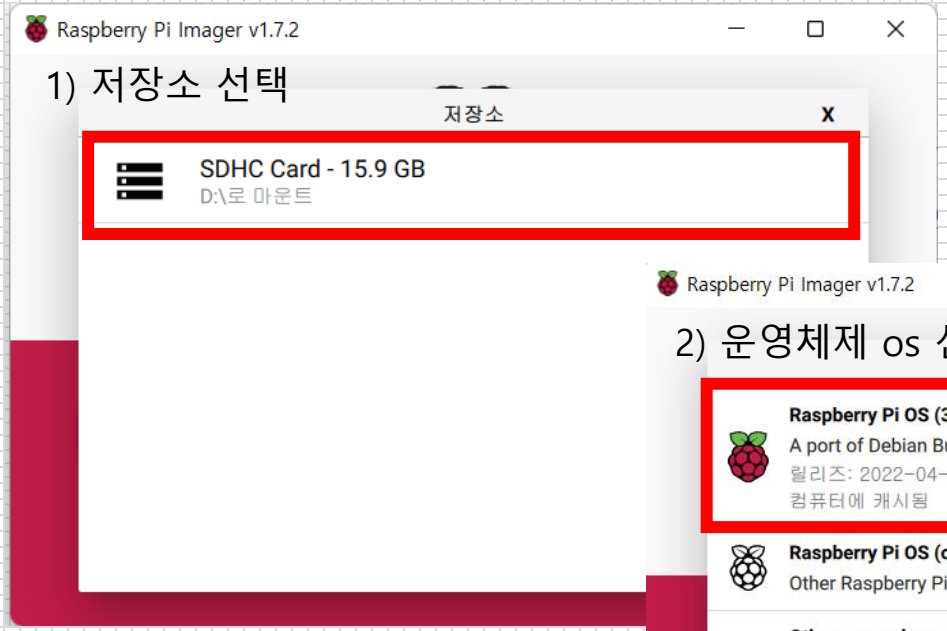
1. 프로그램 설치

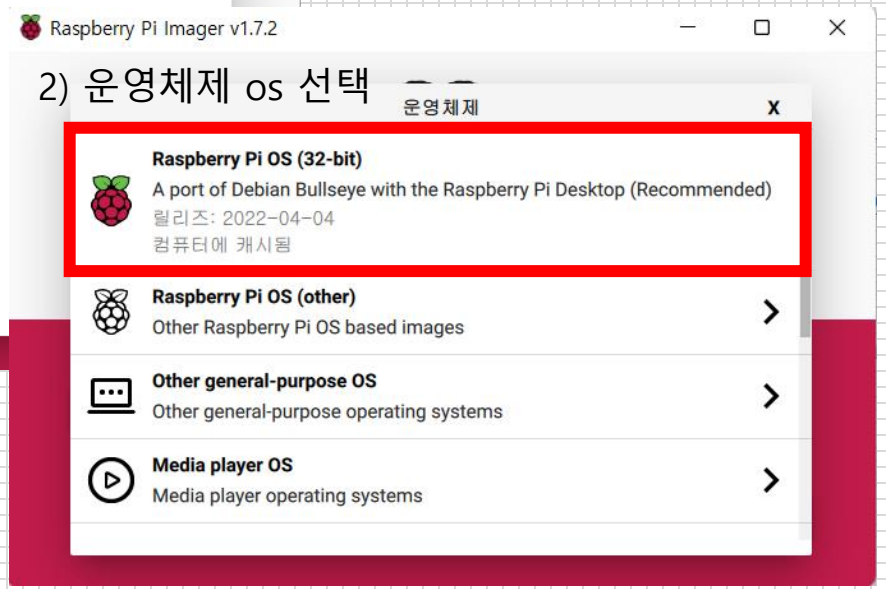
- Raspberry pi imager 최신 버전 설치 (https://www.raspberrypi.com/software/)
- PuTTY 설치(https://iter.kr/putty-install-on-windows/)
- VNC Viewer 설치(https://www.realvnc.com/en/connect/download/viewer/windows/)

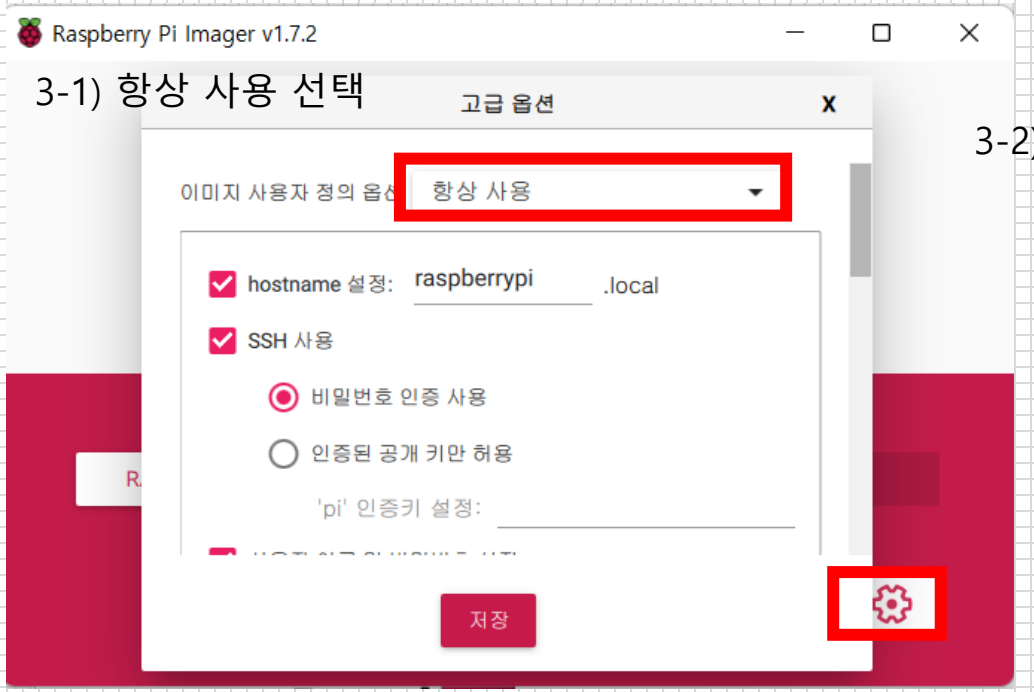
2. 라즈베리 파이 SD 카드 노트북 삽입 -> 라즈베리파이 imager 실행

참고 영상 및 자료
https://www.youtube.com/watch?v=rEOxUx23A8U
https://westwoodforever.blogspot.com/2019/05/ibus.html?fbclid=IwAR1y3vGl2kxENds207Lv_qPXPEUnQkdwC-IcTqKrgULAYUasdXsLRqzv5R0

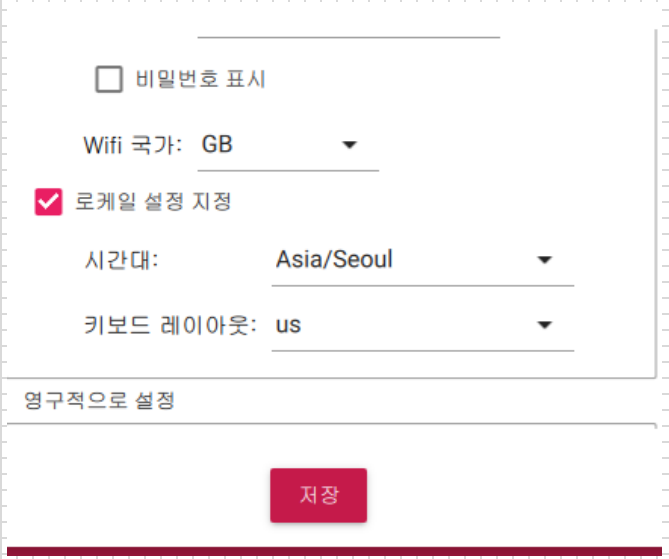
3. 라즈베리파이 아래와 같이 설정







3-2) 사용자 비밀번호 본인이 입력



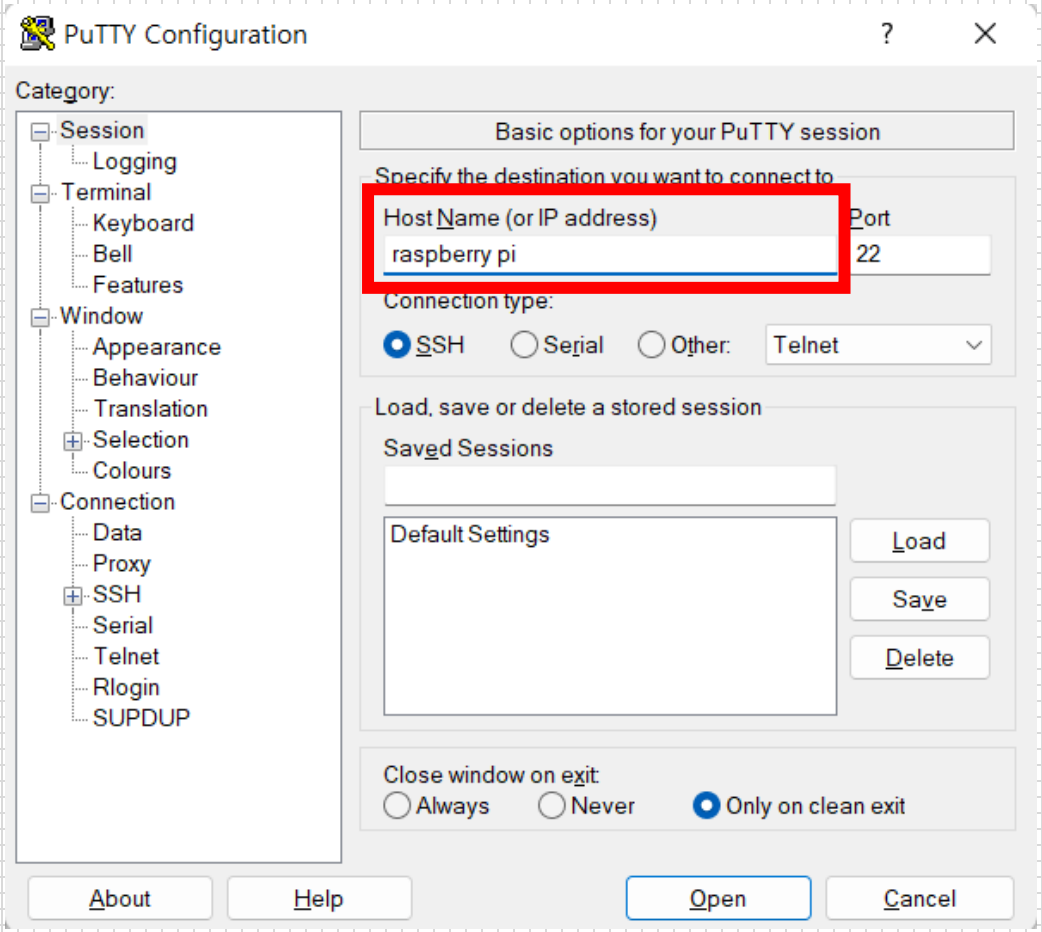
3) 환경설정 클릭

4. 쓰기 활성화 되면 클릭

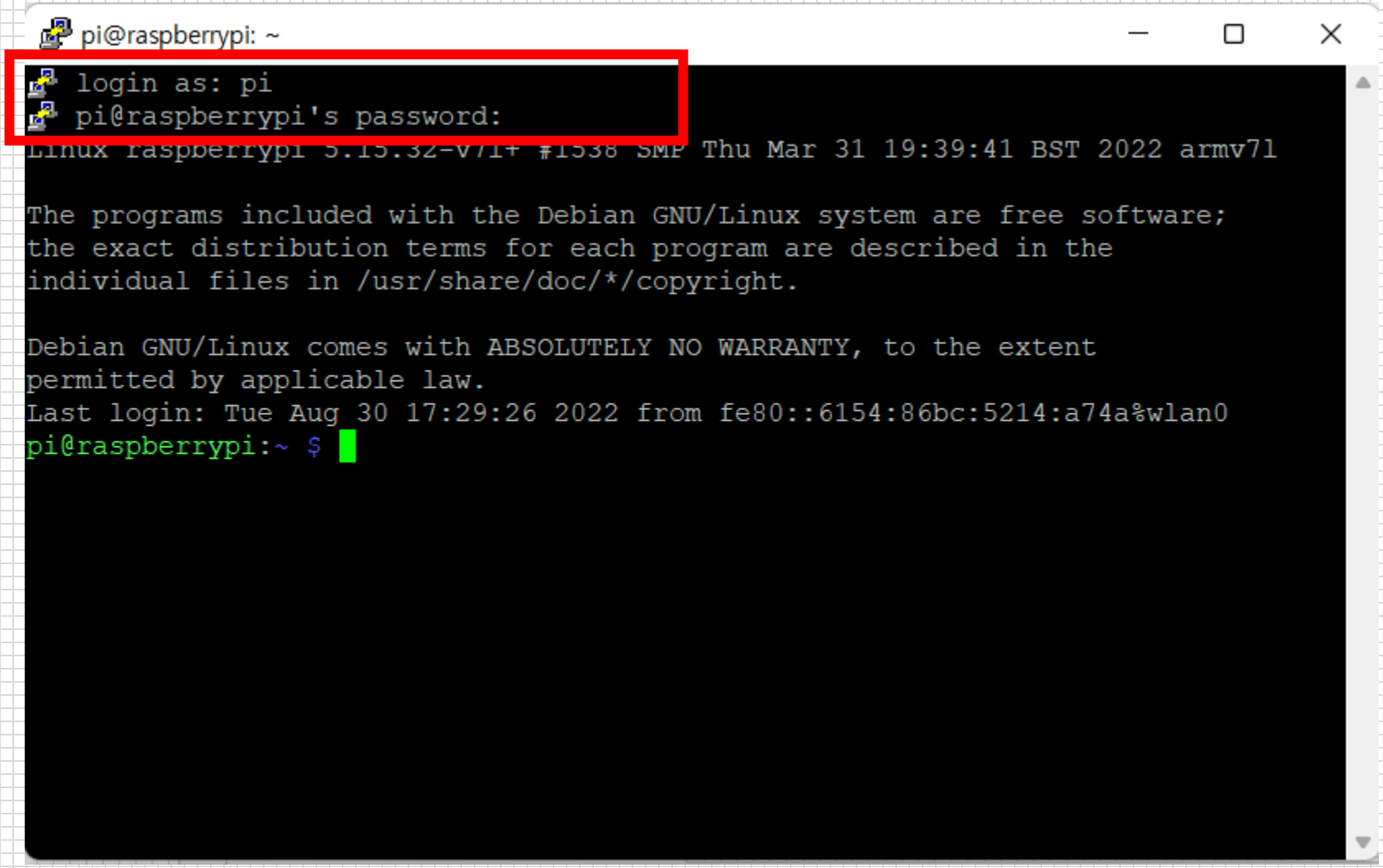
5. 완료 후 SD카드 라즈베리파이에 삽입 후 전원 연결

6. PuTTY 실행 -> "raspberry pi" 입력

컴퓨터에 따라 raspberrypi / raspberry pi로 띄어쓰기 확인



7. Login as 에 pi입력 후 비밀번호 입력(2페이지에서 정의한 사용자 이름 / 비밀번호)



8. 아래 명령어 입력

sudo nano /boot/config.txt

```
Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Tue Aug 30 16:36:19 2022
pi@raspberrypi:~ $ sudo nano /boot/config.txt
```

pi@raspberrypi: ~

```
  GNU nano 5.4                          /boot/config.txt *

# uncomment if hdmi display is not detected and composite is being output
#hdmi_force_hotplug=1

# uncomment to force a specific HDMI mode (this will force
#hdmi_group=1
#hdmi_mode=1

# uncomment to force a HDMI mode rather than DVI. This c
# DMT (computer monitor) modes
#hdmi_drive=2

# uncomment to increase signal to HDMI, if you have interf
# no display
#config_hdmi_boost=4

# uncomment for composite PAL
#sdtv_mode=2

#uncomment to overclock the arm. 700 MHz is the default.

^G Help      ^O Write Out ^W Where Is  ^K Cut       ^T Exe
^X Exit      ^R Read File ^\ Replace   ^U Paste     ^J Jus
```

pi@raspberrypi: ~

```
  GNU nano 5.4                          /boot/config.txt *

# uncomment if hdmi display is not detected and composite is being output
hdmi_force_hotplug=1

# uncomment to force a specific HDMI mode (this will force VGA)
#hdmi_group=1
#hdmi_mode=1

# uncomment to force a HDMI mode rather than DVI. This can make audio work in
# DMT (computer monitor) modes
#hdmi_drive=2

# uncomment to increase signal to HDMI, if you have interference, blanking, or
# no display
#config_hdmi_boost=4

# uncomment for composite PAL
#sdtv_mode=2

#uncomment to overclock the arm. 700 MHz is the default.

^G Help      ^O Write Out ^W Where Is  ^K Cut       ^T Execute   ^C Location
^X Exit      ^R Read File ^\ Replace   ^U Paste     ^J Justify   ^_ Go To Line
```

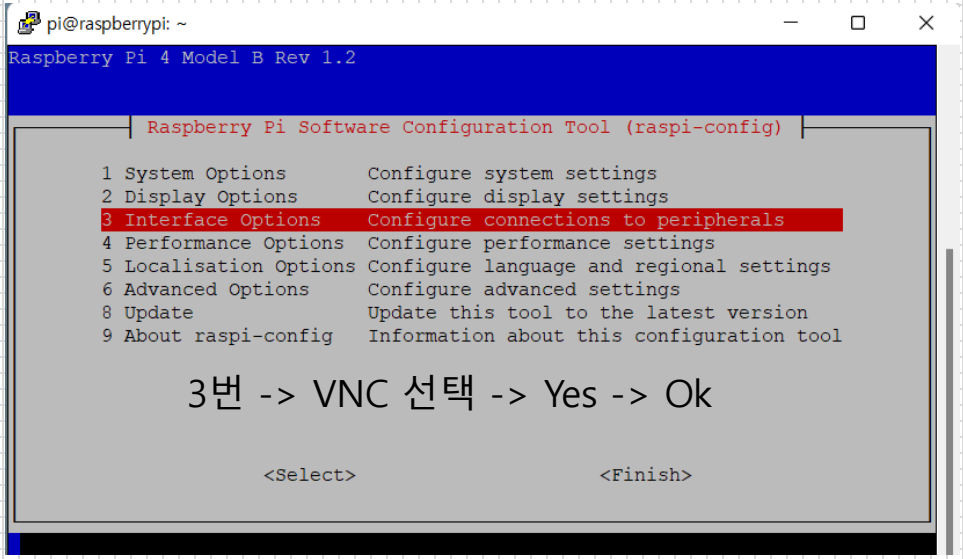
#hdmi_force_hotplug=1에 # 삭제 후

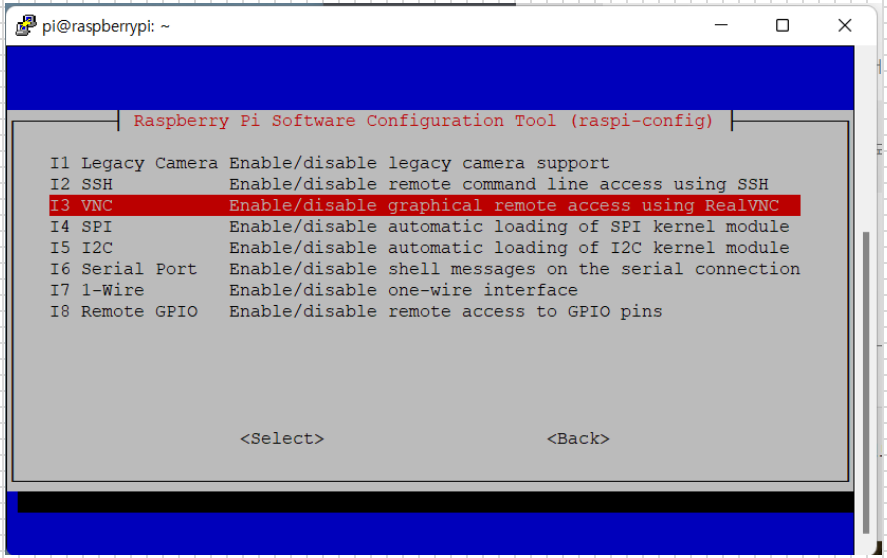
ctrl+x -> shift+y 엔터로 저장 종료

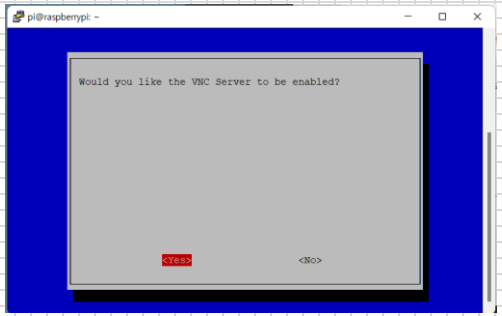
9. 아래 명령어 입력

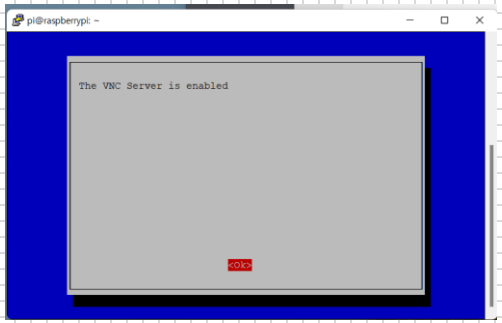
```
pi@raspberrypi:~ $ sudo raspi-config
```

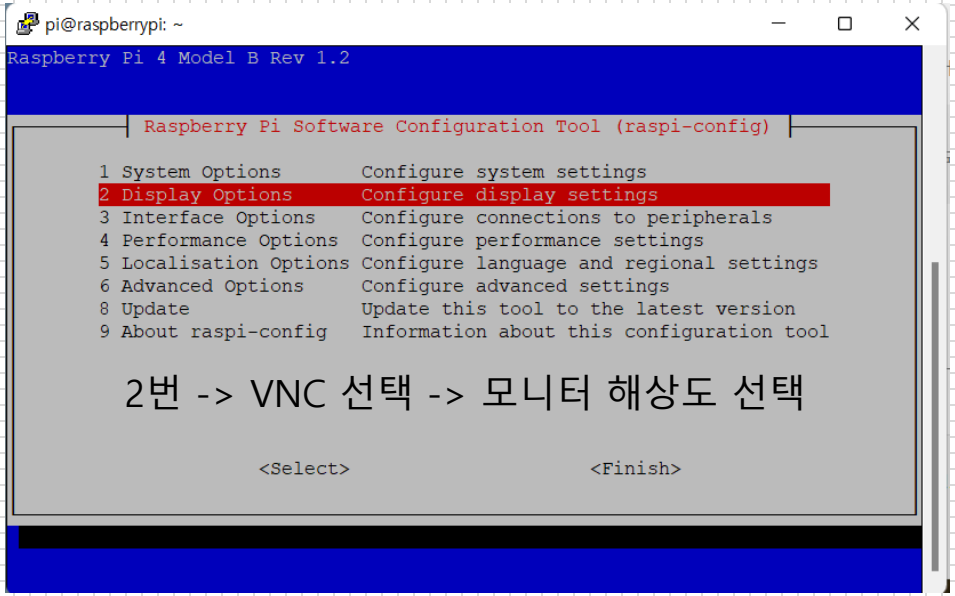
sudo raspi-config

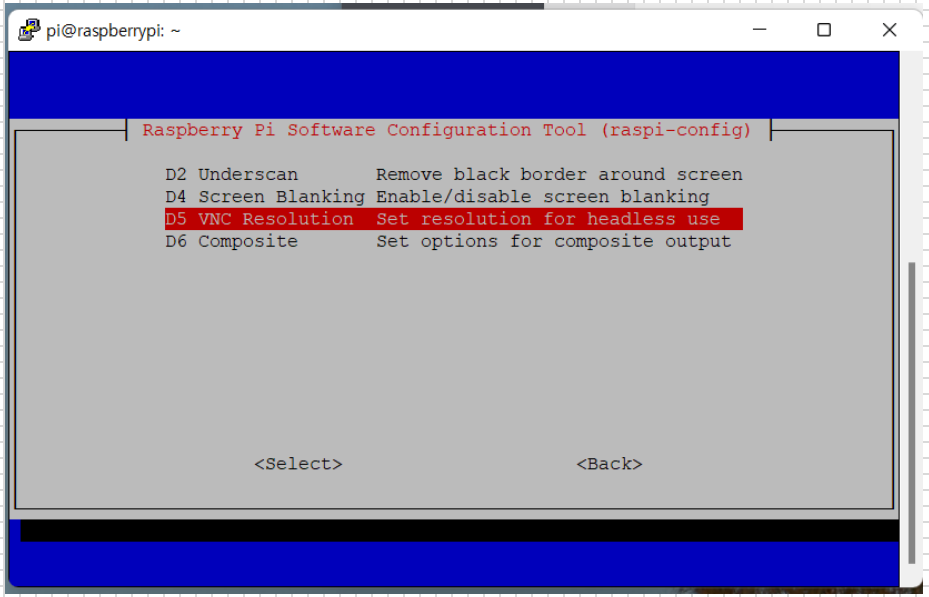


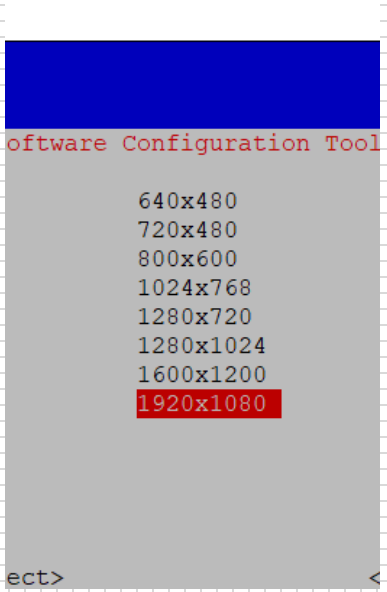




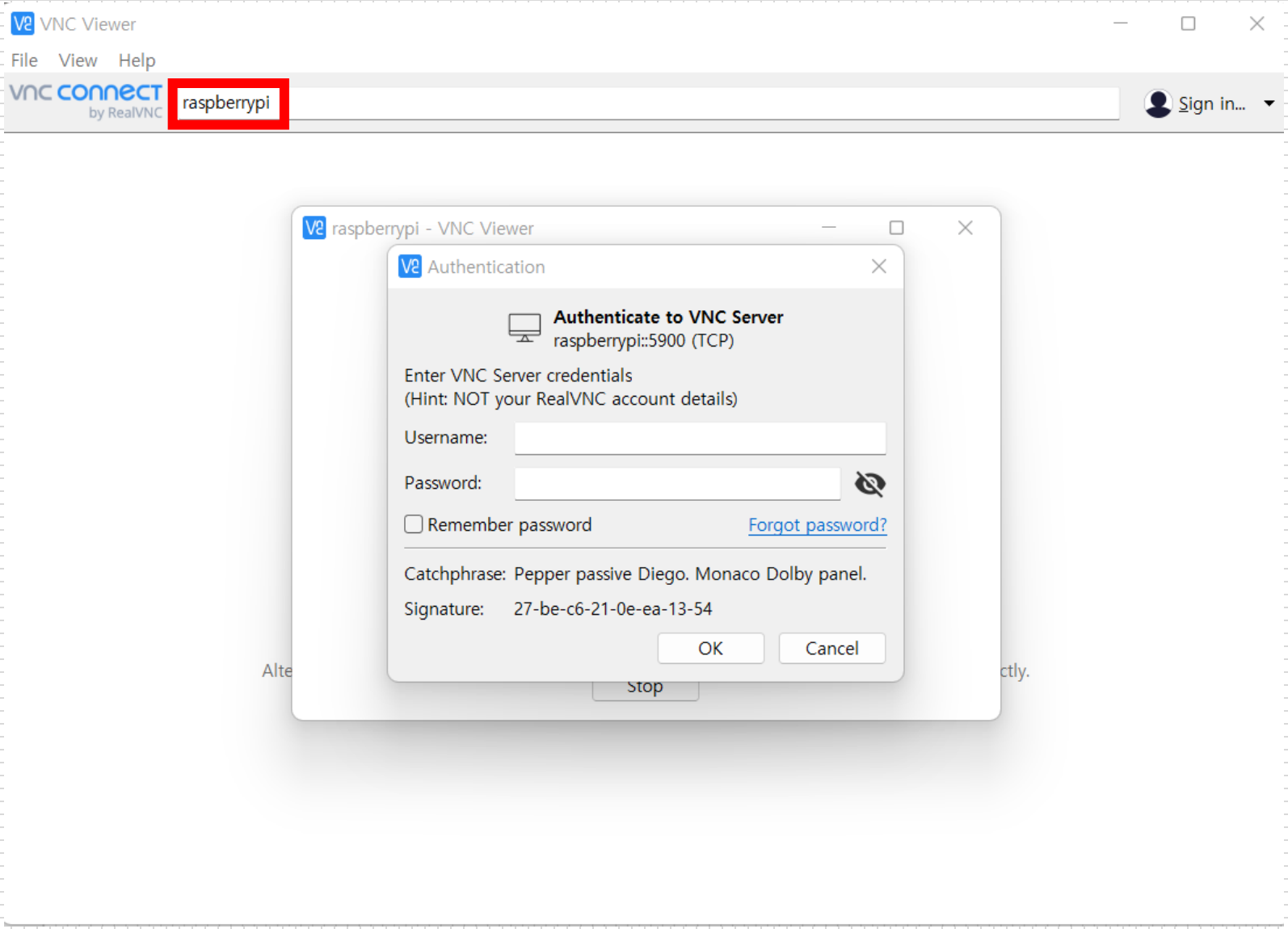






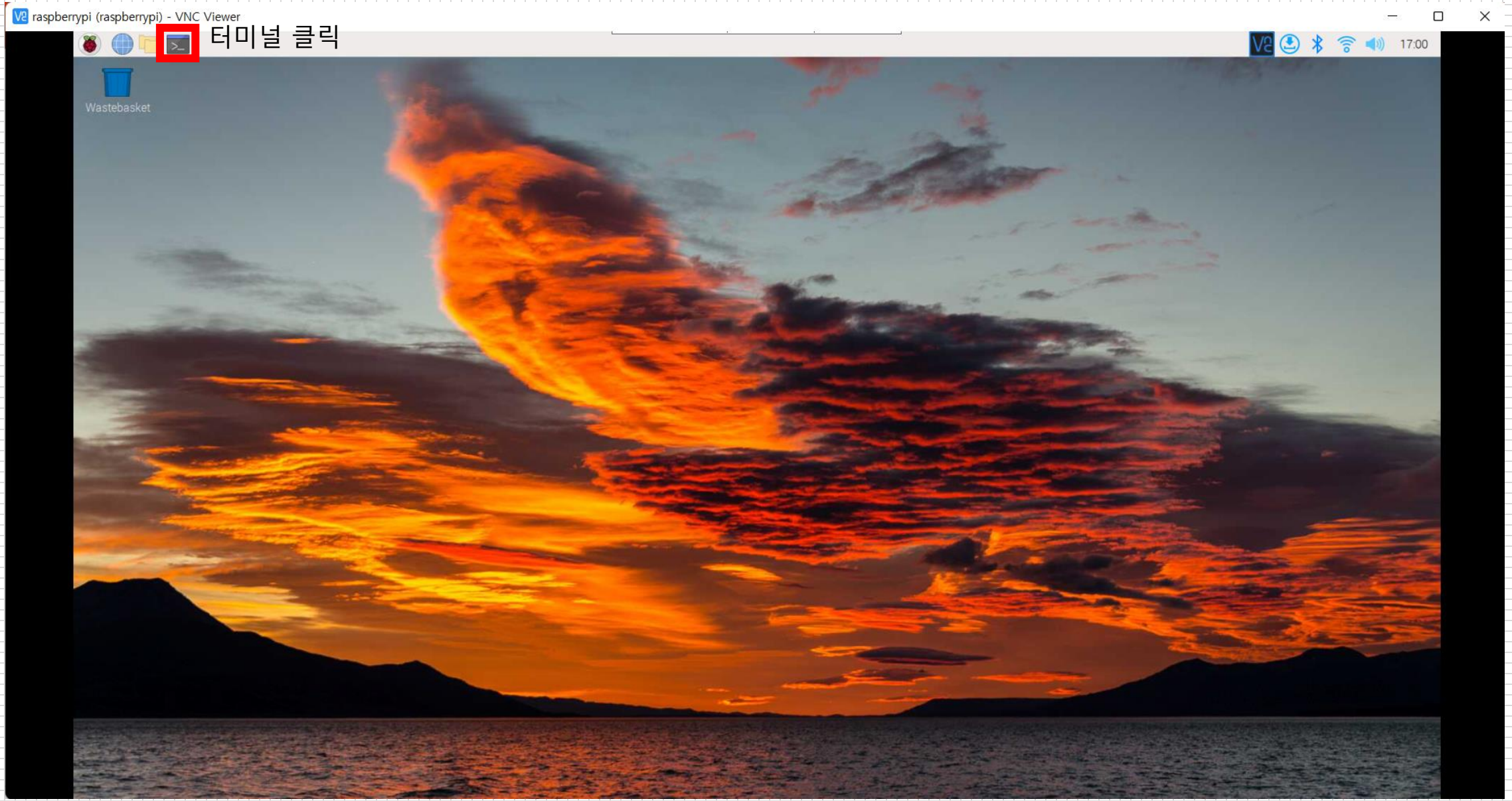


10. 완료 후 VNC 연결

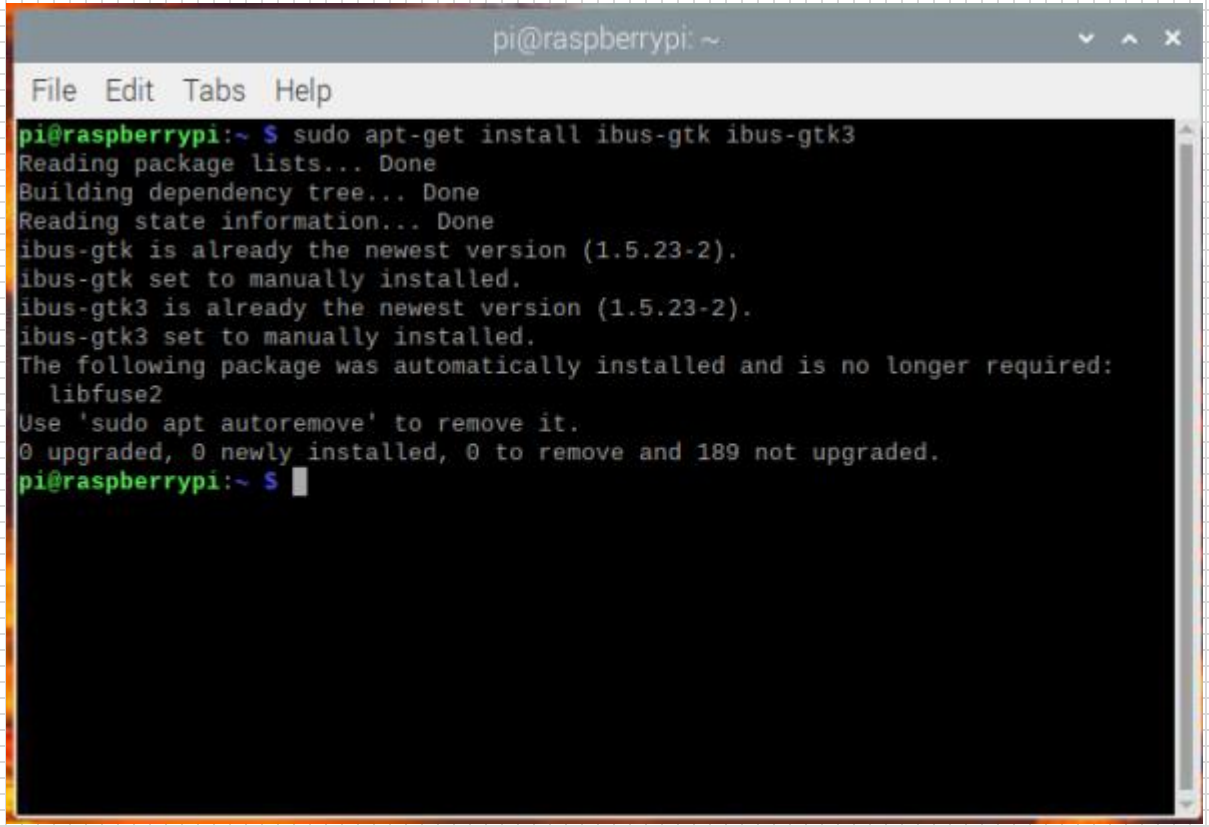


Raspberrypi 입력
-> user name : pi / password 입력

11. 라즈베리파이 접속 완료 -> 한글패치



12. 명령어 모두 하나씩 실행

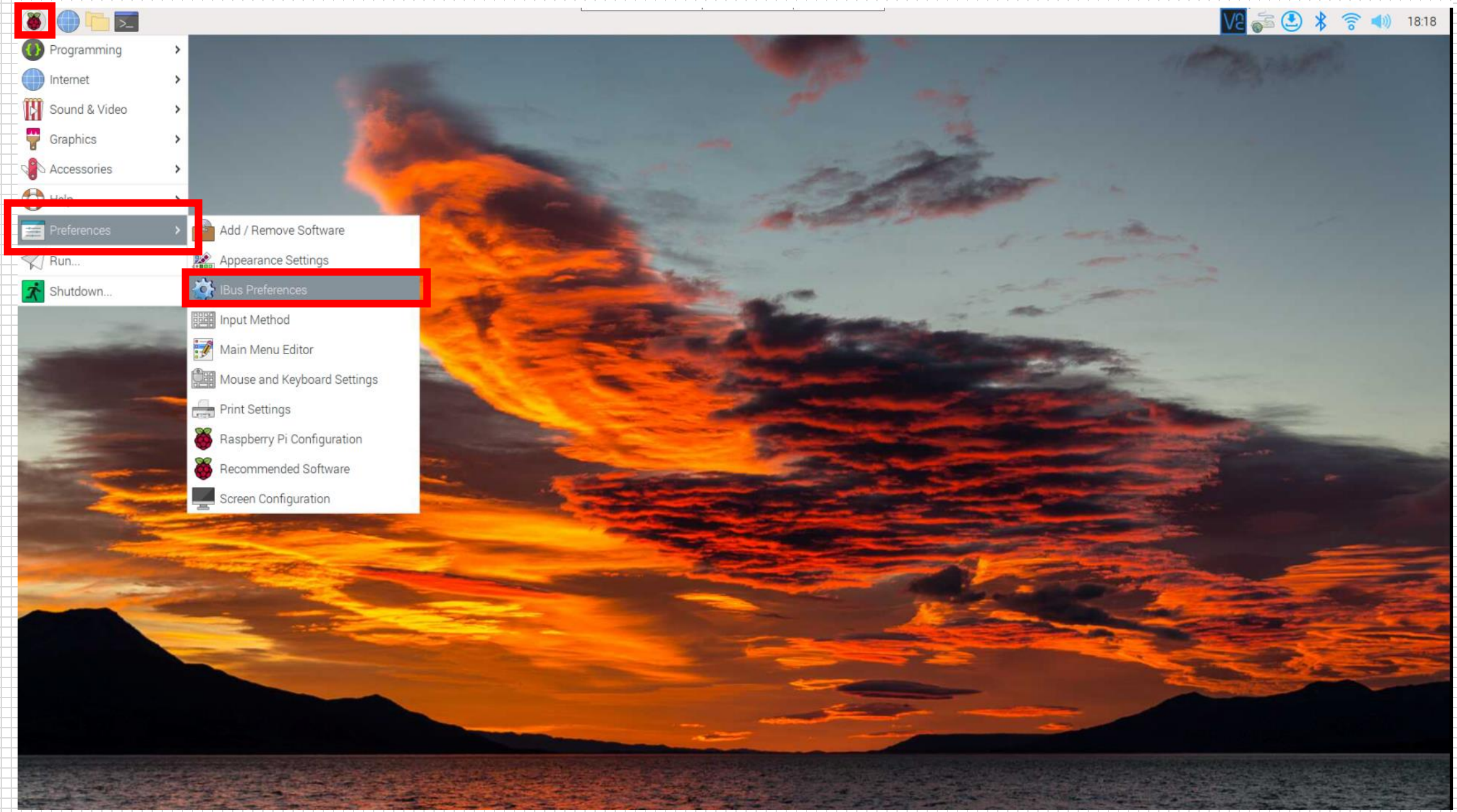


sudo apt-get install ibus ibus-hangul

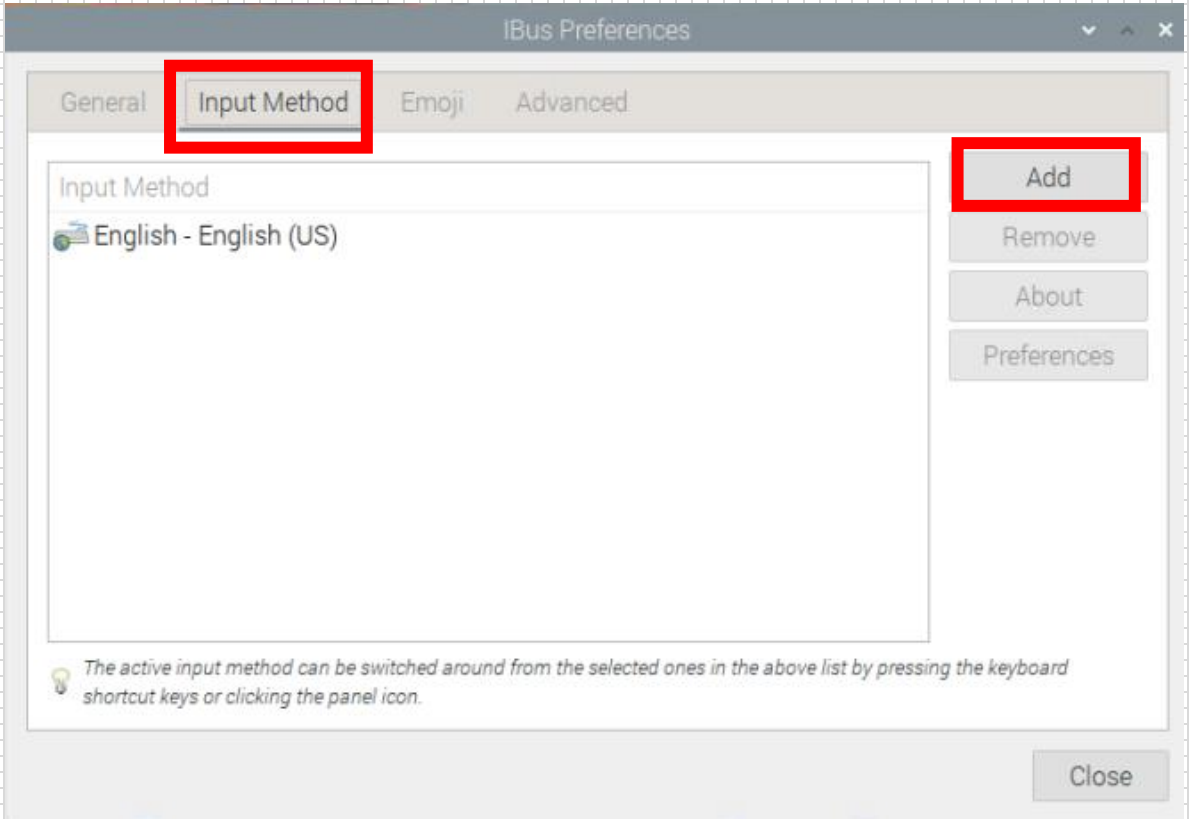
sudo apt-get install ibus-gtk ibus-gtk3

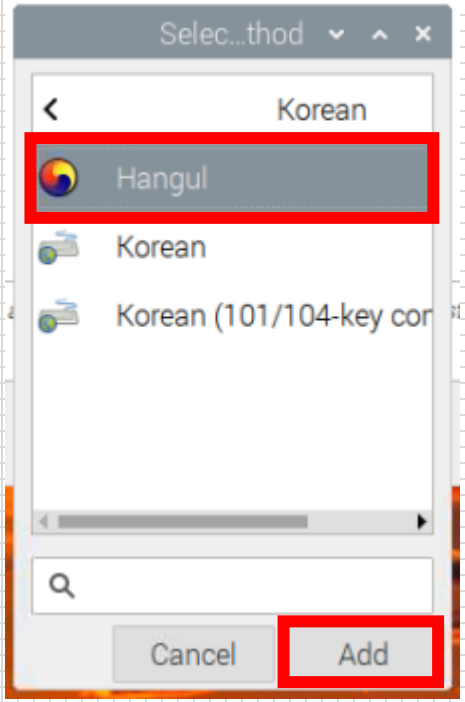
sudo apt install fonts-unfonts-core

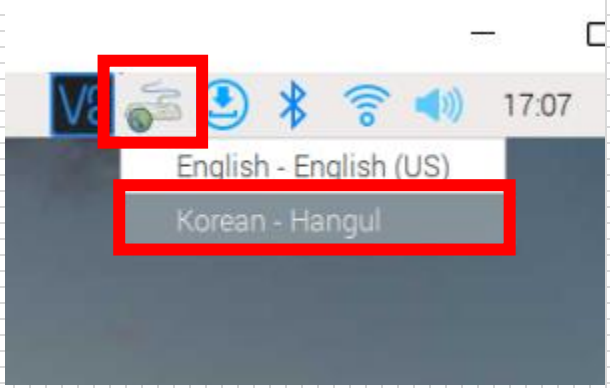
13. 아래와 같이 클릭


18:18
Programming
Internet
Sound & Video
Graphics
Accessories
Preferences
Run...
Shutdown...
Add / Remove Software
Appearance Settings
IBus Preferences
Input Method
Main Menu Editor
Mouse and Keyboard Settings
Print Settings
Raspberry Pi Configuration
Recommended Software
Screen Configuration

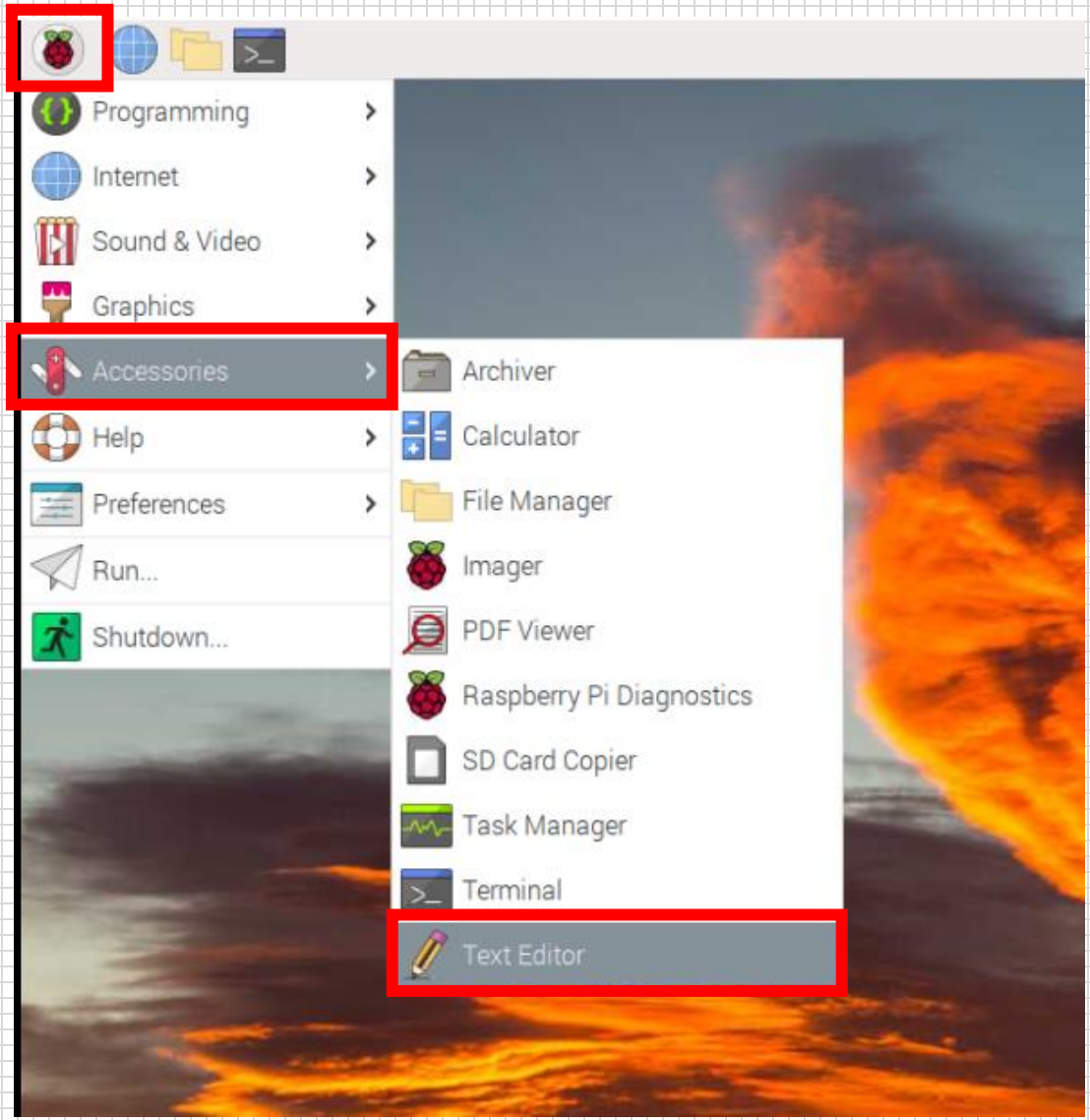
14. Inout Method에서 Add 클릭하여 한글 추가(Korean)
-> ibus창 열린 상태에서 오른쪽 상단에 해당 모양 클릭 후 한글로 클릭하여 태극 무늬 조회

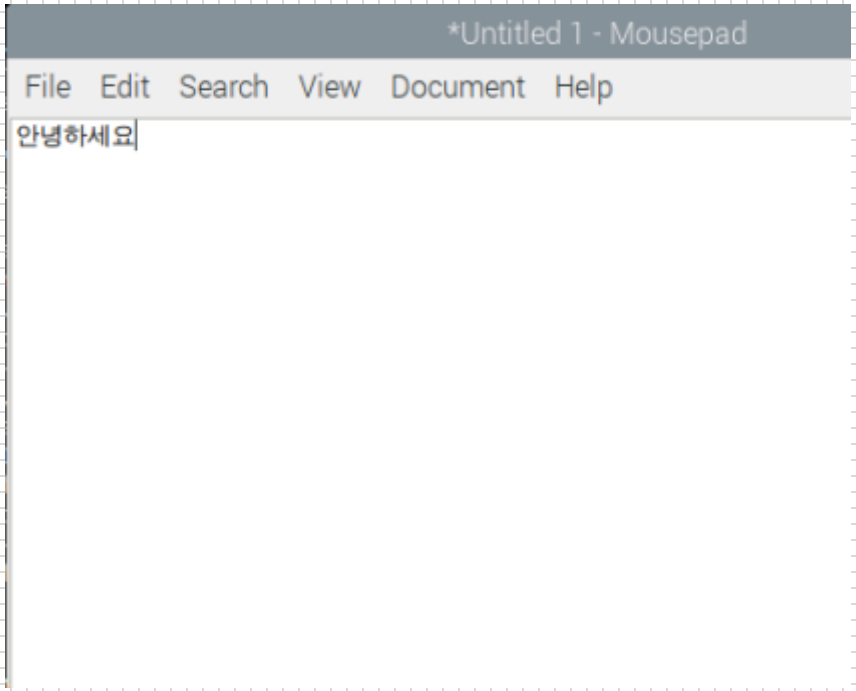






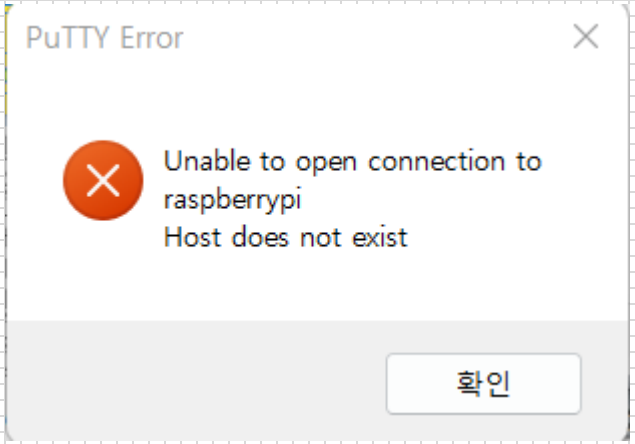
15. Text Editor 창 열어 한글 확인(글자깨짐, 글자 밀림 없는 지)





오류해결

- 유튜브와 동일하게 PuTTY 실행 후 raspberrypi 입력 시 해당 오류 출력



해결 방안 : raspberry pi로 띄어쓰기하여 Open 시 접속 가능