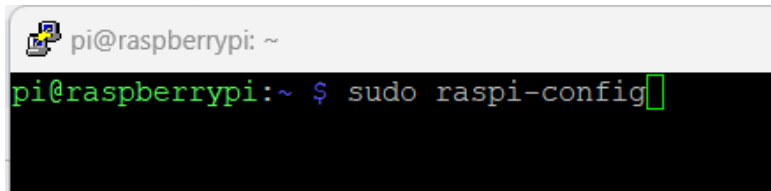


## Interface Configuration of Raspberry Pi

After you log in, you need to configure the Raspberry Pi – enable SSH, SPI, I2C, etc. To do this, run the command **sudo raspi-config**. This opens the Raspberry Pi user interface (UI), where you can configure different Raspberry Pi settings.

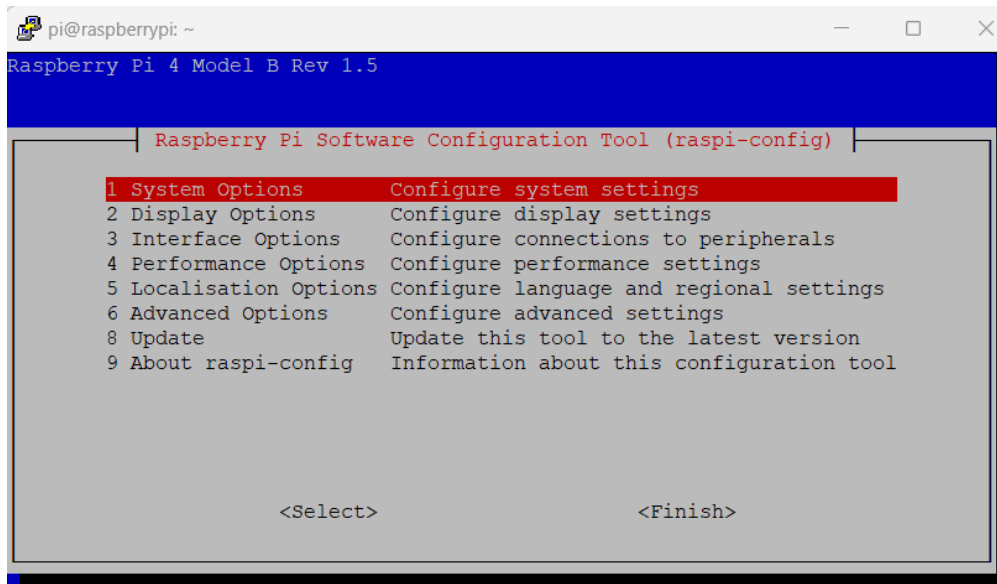


```
pi@raspberrypi: ~  
pi@raspberrypi:~ $ sudo raspi-config
```

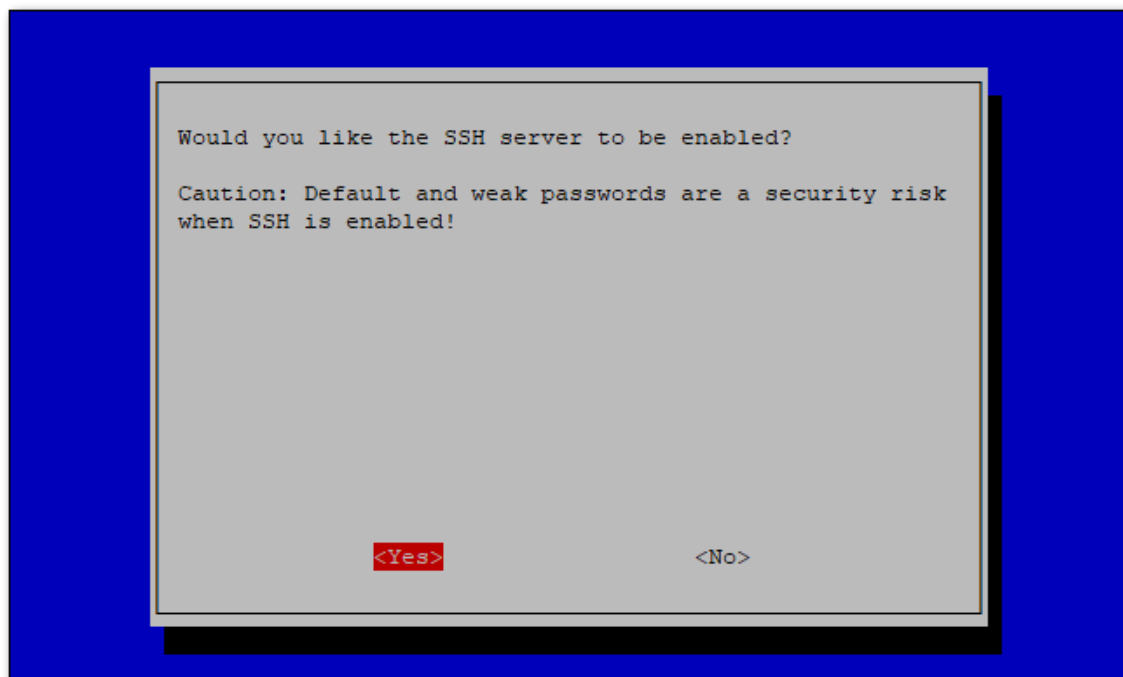
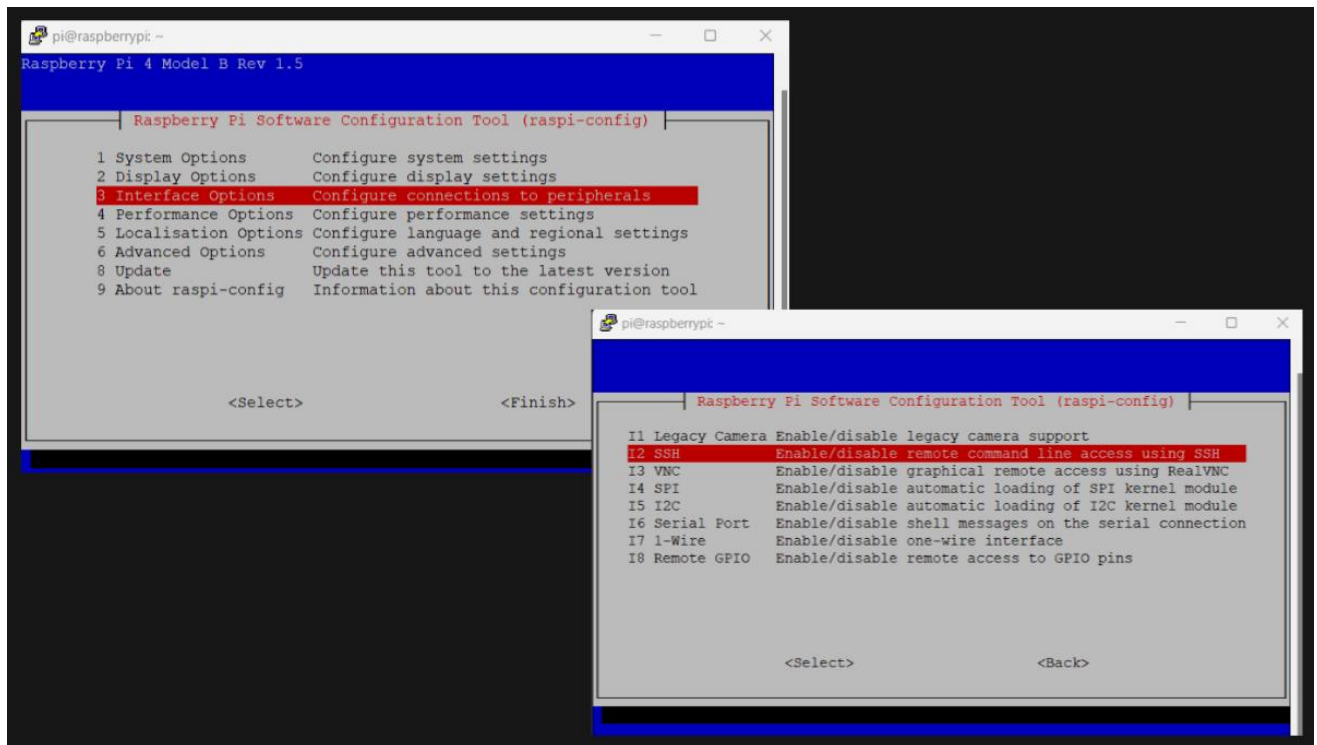
### 1) Enable SSH

If followed Headless setup then SSH is already enabled, so can skip this step and head to next step.

Select 3 **Interface Options** and enable **I2 SSH**

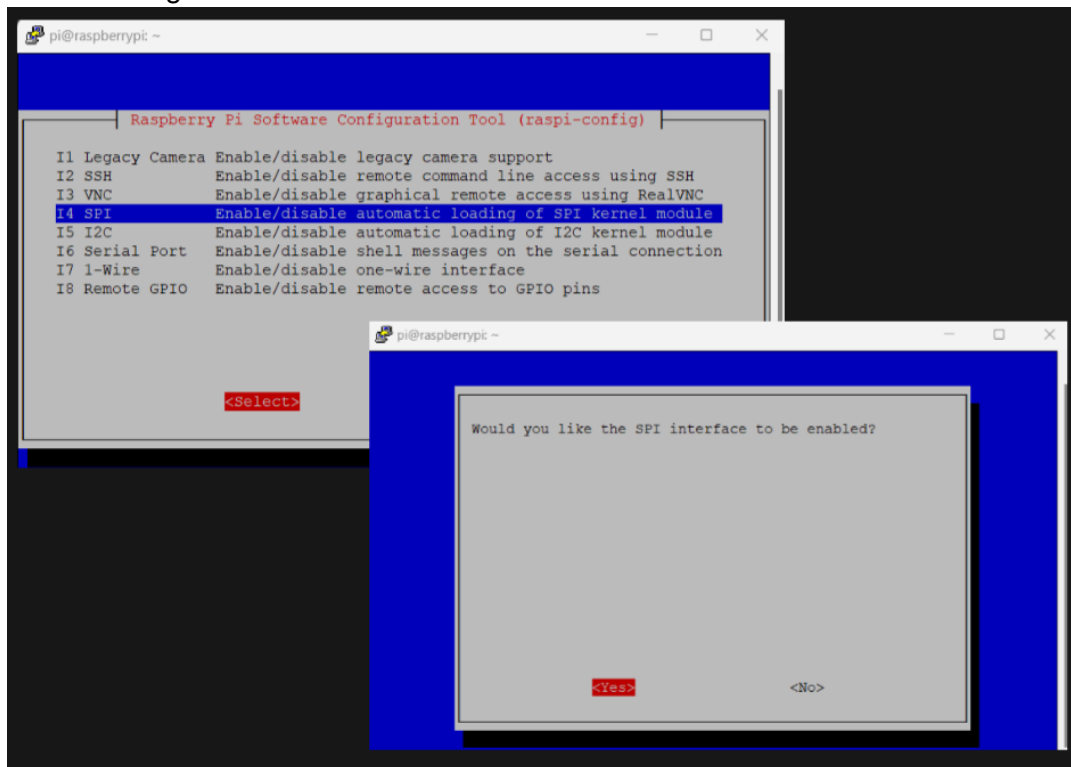


```
pi@raspberrypi: ~  
Raspberry Pi 4 Model B Rev 1.5  
Raspberry Pi Software Configuration Tool (raspi-config)  
  
1 System Options      Configure system settings  
2 Display Options     Configure display settings  
3 Interface Options   Configure connections to peripherals  
4 Performance Options Configure performance settings  
5 Localisation Options Configure language and regional settings  
6 Advanced Options    Configure advanced settings  
8 Update              Update this tool to the latest version  
9 About raspi-config  Information about this configuration tool  
  
<Select>              <Finish>
```



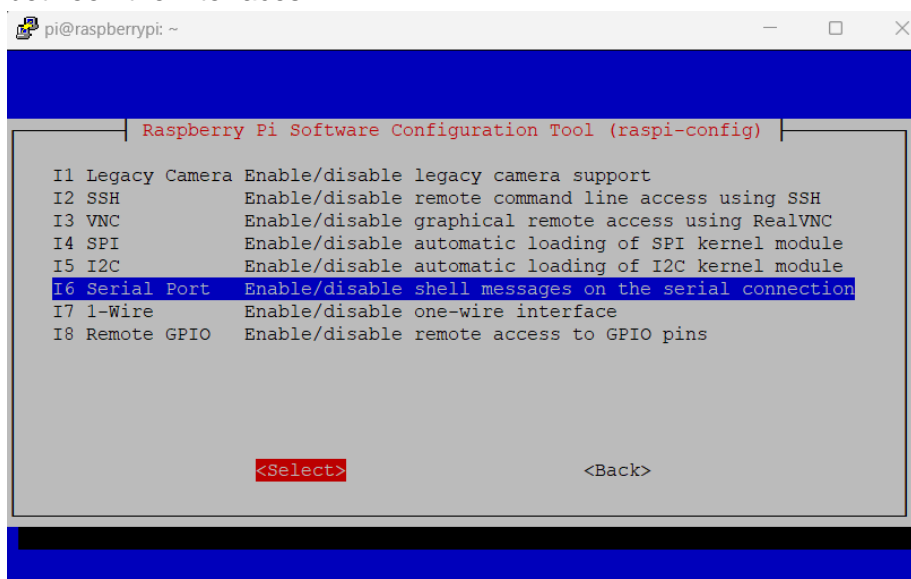
## 2) Enable SPI interface

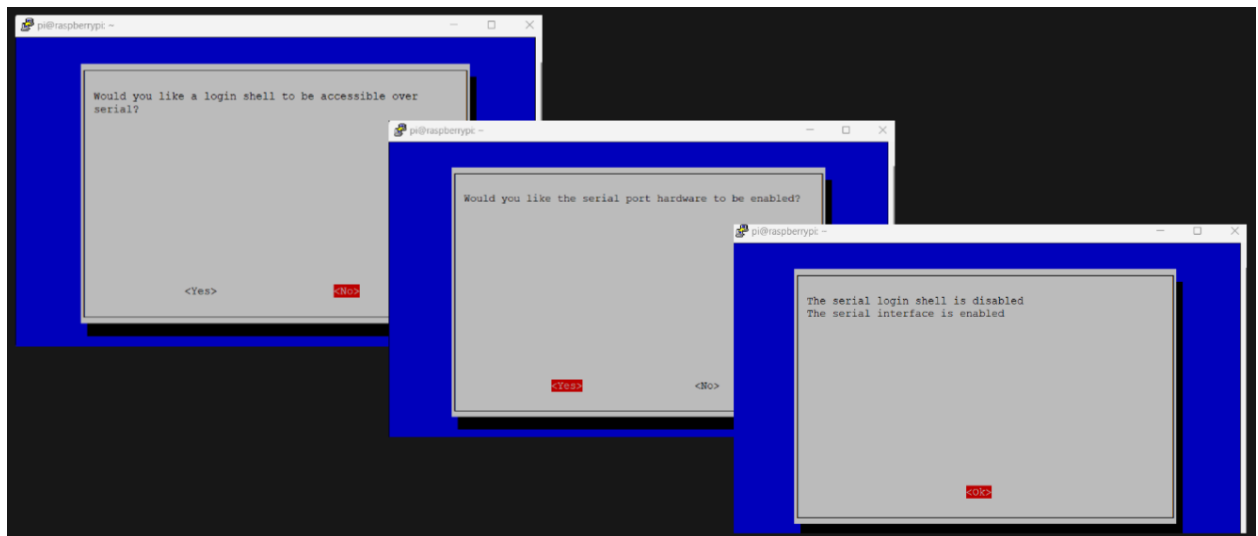
This enables the communication between the Raspberry Pi and the Gateway concentrator module using SPI interface.



## 3) Disable Login Shell over Serial and enable Serial port hardware

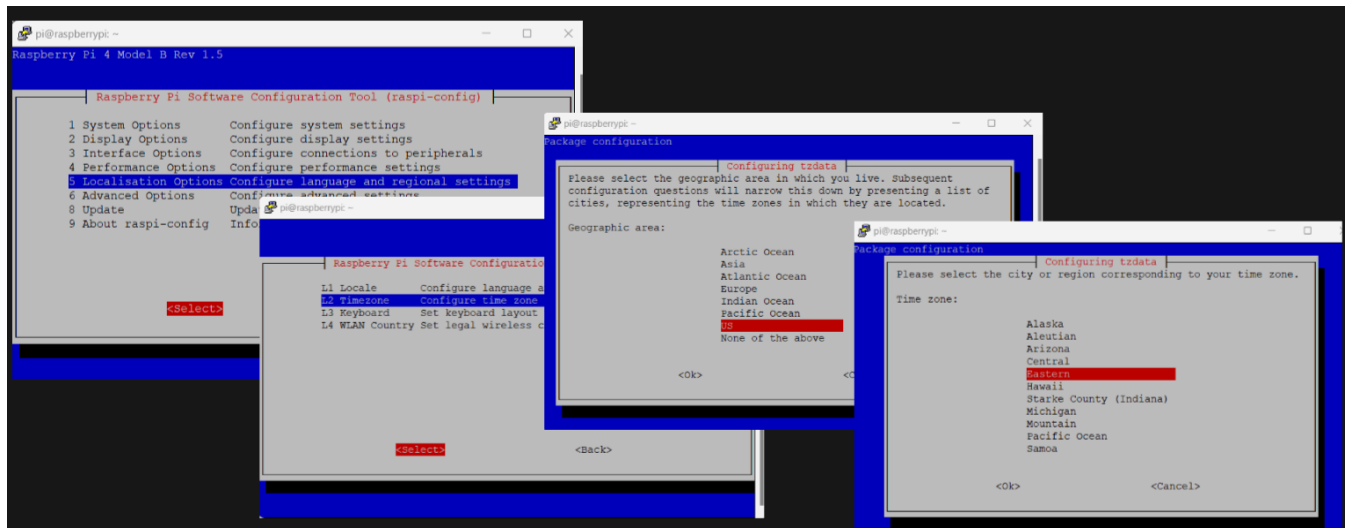
Here you disable Shell over Serial and enable the Serial port as it might cause a collision between the interfaces





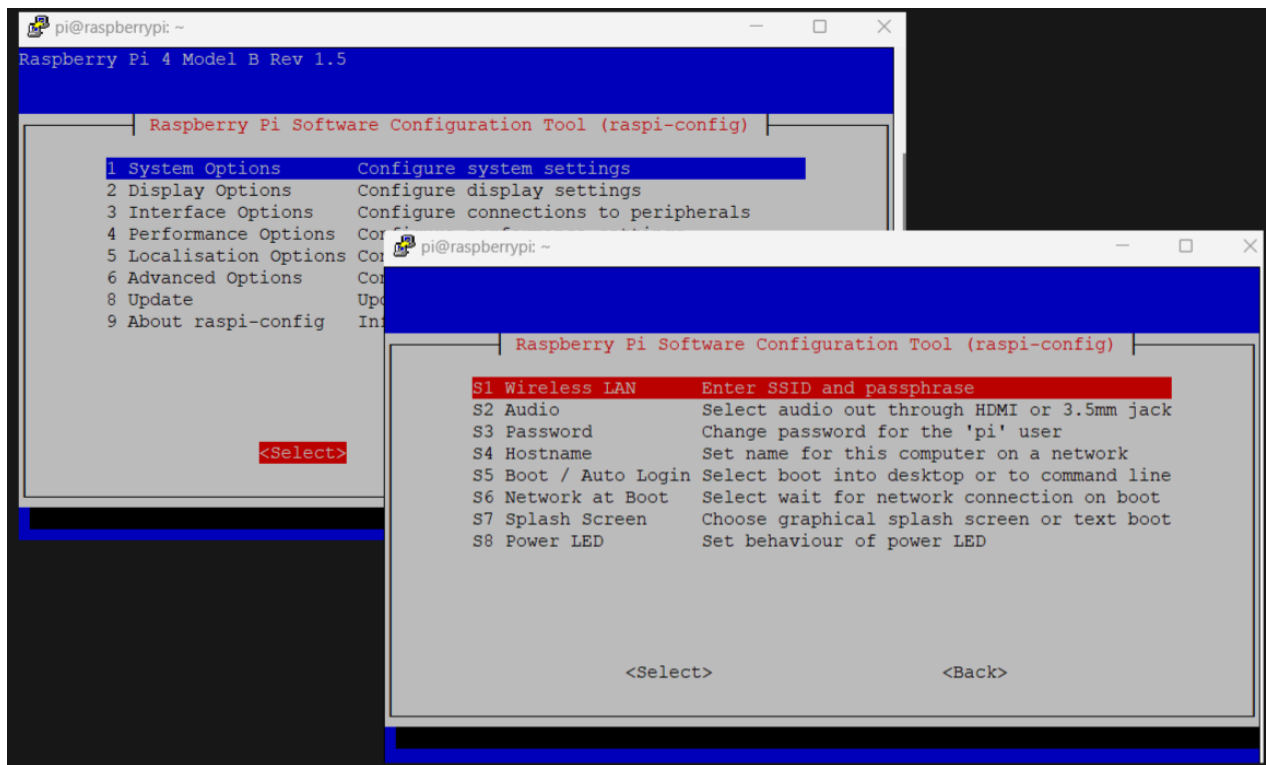
#### 4) Time Zone setup

- It is recommended to configure the Time Zone of the Raspberry Pi. Head to **5 Localization Options -> L2 Time Zone**
- Select your geographic area and then a city **corresponding to your time zone**

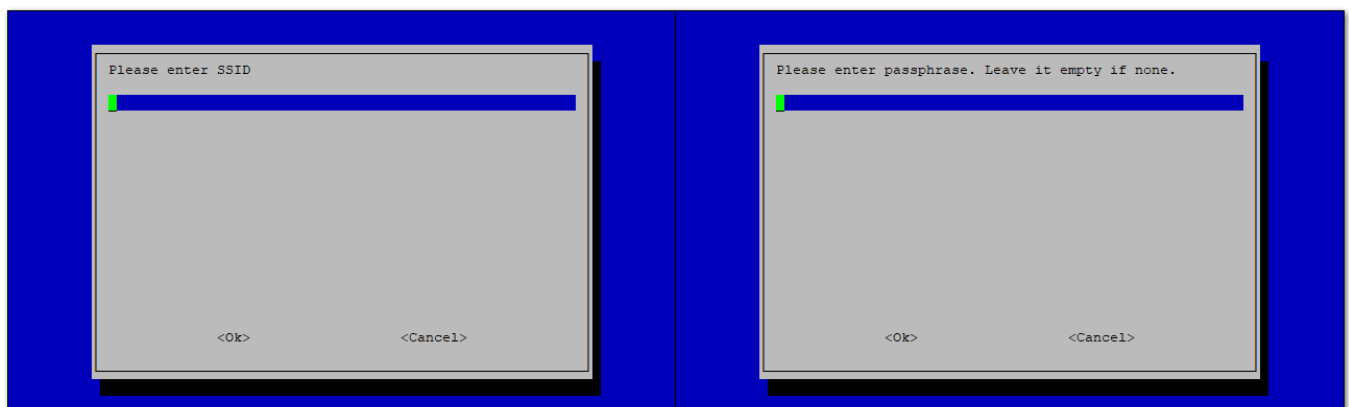


#### 4) Wi-Fi SSID and Password

- Skip this step if followed Headless setup, as this setting is done automatically with **wpa\_supplicant.conf** file.
- Head to **1 System Options -> Wireless LAN**.



- Enter the SSID of your Wireless Network and then the password of that network.



Once done with configuring the Raspberry Pi, select Finish. The Pi will require a reboot to apply the changes.

Would you like to reboot now?

<Yes>

<No>