**Testing**

1. In the terminal type: **sudo raspi-config**
2. Go to **advanced options**
3. Go to **SPI**
4. Enable **SPI Interface** by clicking **Yes**
5. In the terminal type: **sudo reboot**
6. In the terminal type: **sudo apt-get update**
7. In the terminal type: **sudo apt-get install python3-dev**
8. In the terminal type: **wget** [**https://github.com/Gadgetoid/py-spidev/archive/master.zip**](https://github.com/Gadgetoid/py-spidev/archive/master.zip)
9. In the terminal type: **unzip master.zip**
10. In the terminal type: **rm master.zip**
11. In the terminal type: **cd py-spidev-master**
12. In the terminal type: **sudo python3 setup.py install**
13. In the terminal type: **cd ..**
14. In the terminal type: **cd Desktop/**
15. In the terminal type: **mkdir NRF24L01**
16. In the terminal type: **cd NRF24L01/**
17. In the terminal type: **git clone** [**https://github.com/Blavery/lib\_nrf24**](https://github.com/Blavery/lib_nrf24)
18. In the terminal type: **cd libnrf24/**
19. In the terminal type: **cp lib\_nrf24.py ~/Dekstop/NRF24L01**
20. In the terminal type: **cd ..**
21. Copy the **sendArduino.py** code to **NRF24L01** folder
22. In Arduino IDE go to **Sketch->Include Library->Manage Library**
23. Search “**RF24**”
24. Install this library.
25. Graphical user interface, text, application, email

    Description automatically generated
26. Open the Code **receivePi.ino** and upload to the Arduino.
27. Open the Serial monitor.
28. Run the code on Raspberry Pi and Arduino.
29. Check the Arduino Serial Monitor If you receive any message.

**Actual Code**

1. Now there are other two files. One is **code.py** and other is **ArduinoCode.ino**
2. Copy **code.py** to **NRF24L01** folder.
3. Rename the file for checking the counting in the file as “**myFile.txt**” and copy it to the same folder.
4. Now Run the **code.py** and **ArduinoCode.ino** in Raspberry Pi and Arduino respectively.
5. Update the file and check the result.