Instructions:

**How to install the Raspberry Pi OS (on SD card):**

1. Download the file labeled “ “
2. After downloading the file, open the software
3. Once the window is open, Click “CHOOSE OS”
4. Select Raspberry Pi OS (32-bit)
5. Make sure Micro SD card is inserted into the adapter, which should be inserted in the PC
6. Click “CHOOSE SD CARD”, and select the designated SD card
7. Click “WRITE”, enter login credentials and follow the rest of the steps

**How to setup the Raspberry Pi OS (on the Raspberry Pi):**

1. Eject SD card from PC safely, then remove the Micro SD card
2. Insert Micro SD card into the Raspberry Pi
3. Make sure all cables are connected between Raspberry Pi and Monitor/PC
4. Allow time for the Raspberry Pi to boot up
5. Follow instructions to complete configurations for the setup of the Raspberry Pi

**How to run the Scripts:**

1. Navigate where the scripts are located on the SD card
2. Open the shell on the Raspberry Pi and find the directory with the script
3. Change owner’s permission to allow for the script to be execute with:

chmod u+x “filename” (e.g. chmod u+x tester)

1. Now run the script: ./filename (e.g. ./tester)

More Info:

**What is the script about?**

The goal of this script is to stress test a raspberry pi and note if it can remain stable under these conditions by measuring its temperature and frequency.

**Note**: This is a preliminary script, but the script can be modified and the other scripts are provided, which can be used as references.