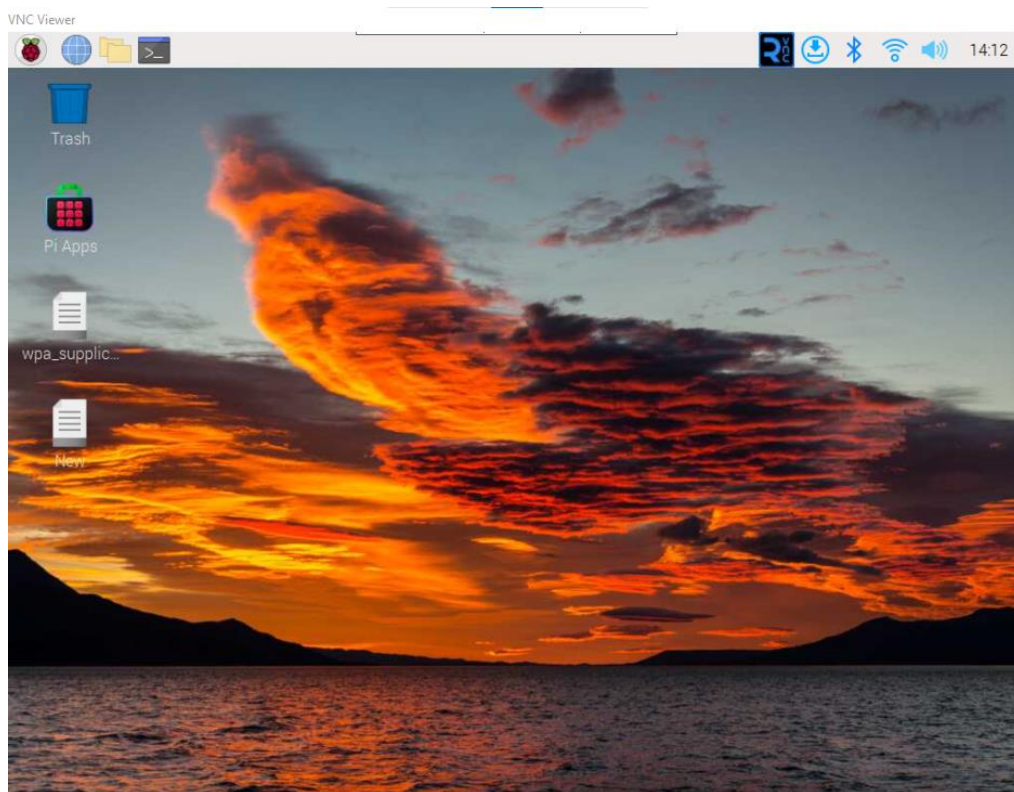
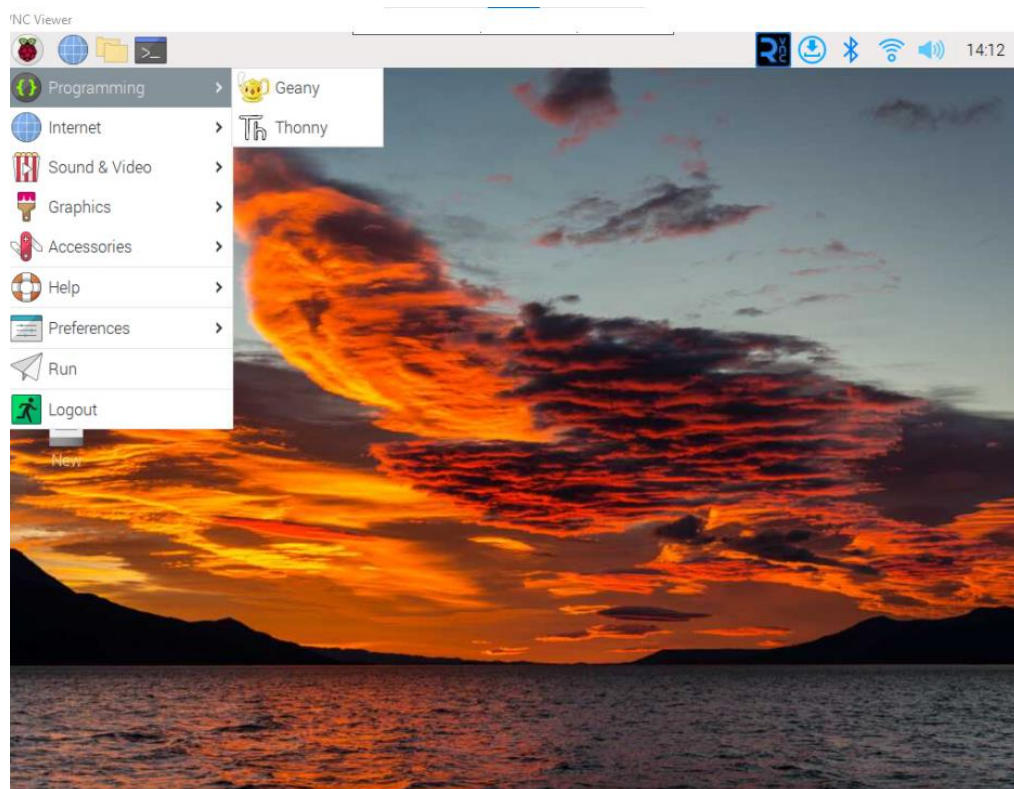


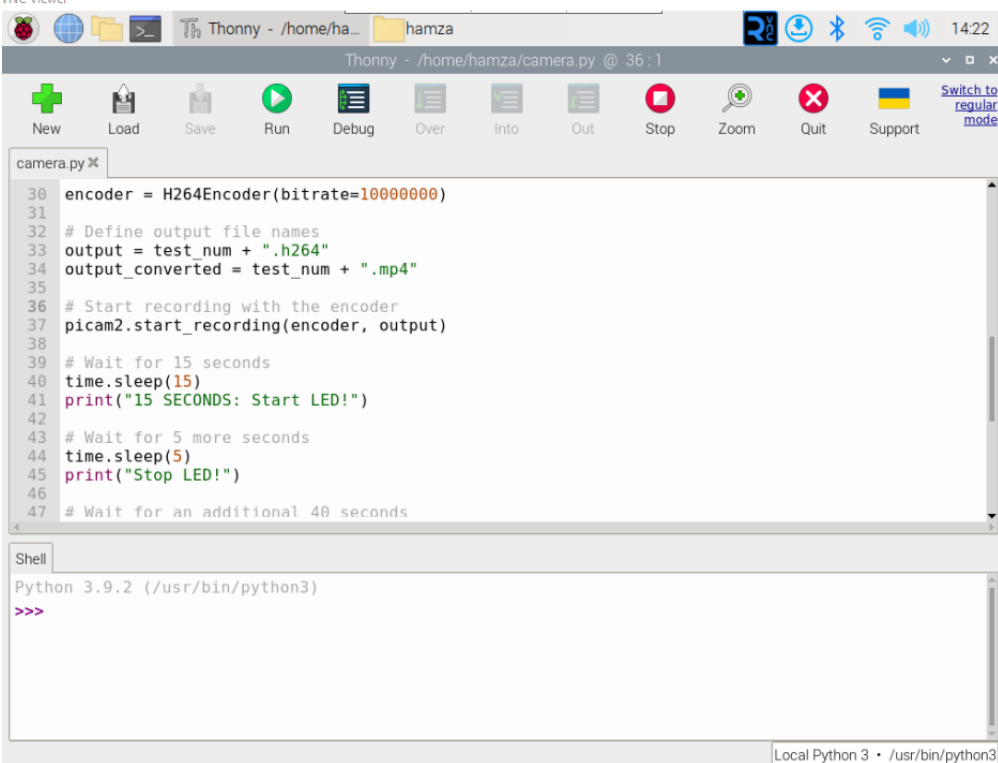
1. Upon the opening of the display, it will be defaulted to this screen:



2. Go to the start menu, at the top left, and click programming, and then Thonny.



3. The recording script should be open automatically, at clicking Thonny. Once open, press run.



The screenshot shows the Thonny IDE interface. The top toolbar includes icons for New, Load, Save, Run, Debug, Over, Into, Out, Stop, Zoom, Quit, and Support. The main editor window displays a Python script named 'camera.py' with the following code:

```
30 encoder = H264Encoder(bitrate=10000000)
31
32 # Define output file names
33 output = test_num + ".h264"
34 output_converted = test_num + ".mp4"
35
36 # Start recording with the encoder
37 picam2.start_recording(encoder, output)
38
39 # Wait for 15 seconds
40 time.sleep(15)
41 print("15 SECONDS: Start LED!")
42
43 # Wait for 5 more seconds
44 time.sleep(5)
45 print("Stop LED!")
46
47 # Wait for an additional 40 seconds
```

Below the editor is a Shell window showing the Python 3.9.2 prompt and the command prompt 'python3'. The status bar at the bottom indicates 'Local Python 3 • /usr/bin/python3'.

4. This will open a camera preview, and record for 60 seconds, which can be edited in the code. It will save the file as mp4 in the root folder.