

Install vscode

Run:

```
sudo apt update
```

```
sudo apt upgrade
```

Install docker from: <https://docs.docker.com/engine/install/debian/#install-using-the-repository>

After installing docker run:

```
sudo usermod -aG docker $(whoami)
```

Download the following docker images by running:

```
docker pull lscr.io/linuxserver/wireshark
```

```
docker pull lscr.io/linuxserver/firefox
```

```
docker pull kathara/base
```

```
docker pull kathara/frr
```

```
docker pull ciscotalos/snort3
```

Install Kathara from: <https://github.com/KatharaFramework/Kathara/wiki/Linux>

Install wireshark by running:

```
sudo add-apt-repository ppa:wireshark-dev/stable
```

```
sudo apt update
```

```
sudo apt install wireshark
```

Make sure python is installed.

Optionally install a virtual environment

```
sudo apt install python3-virtualenv
```

Install the following PIP packages:

```
pip install optigatrust
```

```
pip install tinyec
```

```
pip install eciespy
```

```
pip install pycryptodome
```

```
pip install pycryptodomex
```

```
pip install Crypto
```

```
pip install falcon
```

```
pip install cryptography
```