Lab 9A: YANG (Yet Another Next Generation)

Install and run pyang on a Raspberry Pi

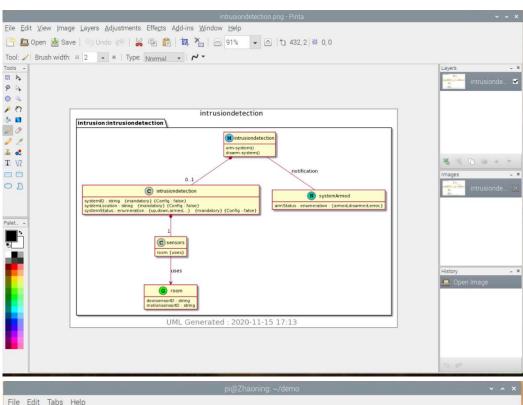
```
File Edit Tabs Help
```

Install PlantUML on a laptop or Raspberry Pi

```
penganoning:~/demo $ sudo pip3 install -U plantuml
looking in indexes: https://pypi.org/simple, https://www.piwheels.org/simple
Collecting plantuml
Downloading https://files.pythonhosted.org/packages/a9/la/4603314acf466fdad91b7f6c83eb1364a7e279f9a8805febe3554f17faf6/plantuml-0.3.0-"
py3-none-any.whl
Requirement already satisfied, skipping upgrade: httplib2 in /usr/local/lib/python3.7/dist-packages (from plantuml) (0.18.1)
Installing collected packages: plantuml
Successfully installed plantuml-0.3.0
pi@Zhaoning:~/demo $ |
```

Run PlantUML to create a sequence diagram in PNG

Install and run GIMP and Pinta to display a PNG file via VNC Viewer



```
Pile Edit Tabs Help

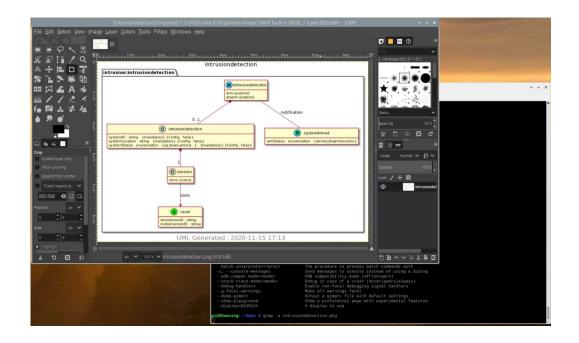
126 new root certificates were added to your trust store.

Import process completed.

Done

done.

pi@Thaoning: S cd -/demo
pi@Thaoning: S cd -/demo
pi@Thaoning: √demo S pinta intrusiondetection.png
pi@Thaoning: √demo S pint
```



Lab 9B: Qiskit

Or open Git Bash on Windows, install Qiskit, and copy and save API token from the <u>account</u>, and run examples

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