

Workshop Contents

These are the topics I will be covering during the session.

- History
- What is raspberry pi?
 - Microprocessor vs Micro-controller vs SoC
 - How much similar to smartphones?
 - Why not powerful as PC?
 - Pi components
 - Pi versions and where most suitable to use.
- OS for raspberry pi.
 - Raspbian (normal vs lite)
 - Dietpi
 - Retropie
 - Windows (normal vs IOT)
- Basic linux commands
- Working remotely (headless)
 - SSH
 - VNC
- Introduction to Python
- Working with GPIO pins
- Pi server
 - Setup Pi server
 - Install web file W
 - Install Plex server
- Simple home automation using Pi.
 - Using IFTTT and particle
- Mentioning major Pi projects and where to find them