

## Workshop\_Day1a: Schedule Job on RPi

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Instead of using infinite while-loop and sleep() function to achieve periodic sensing on Raspberry Pi. We can make use of crontab which can make the periodic job more robust.

The cron [daemon](#) is a long-running process that executes commands at specific dates and times. You can use this to schedule activities, either as one-time events or as recurring tasks.

Enter following command to edit crontab file.

```
1 | crontab -e
```

There is already an example entry which is to display IP address on LCD a few seconds upon boot-up.

```
1 | @reboot sleep 15 && python3 ~/_sys/lcd_ip_address.py
```

Learn how to setup periodic jobs using crontab.

- <https://crontab.guru/>
- <https://linuxize.com/post/scheduling-cron-jobs-with-crontab/>

Modify your code such that it doesn't use while-loop anymore. The code only sense once. Configure contab to call the script periodically every minute.