

# Report

- This script is a website blocker script that will block distracting websites for specified working hours.

## Concept of the script

There is a file /etc/hosts in linux in which we have to add sites that we want to block and redirect these sites to local host i.e we have to add lines as :-

```
127.0.0.1    www.facebook.com  
127.0.0.1    www.youtube.com
```

Basically we are directing these urls to local host .

- Now , we want to block these sites only for working hours , So we would have to write a script that will check time continuously and delete or add lines accordingly.
- After the script is ready, we have to run the file in terminal in sudo mode (as hosts file has permission issues).

## **sudo python3 Daily\_Blocker.py**

- Now, In order to block these websites we have to run our script each time we switch on our pc. This task of running script manually is boring so lets find an alterate solution to it.
- We will do something through which our script start running automatically in background as soon as we switch on our pc. To do this task we will use **cron** (third party tool) .

Do following tasks to automate the execution of script in background.

1.) Execute **sudo crontab -e**

2.) A file will be opened, add given line in that file and save changes

**@reboot python3 <file path>**

3.) Reboot your pc, You will not be able to access disctracting websites in working hours.