

Date
15/09/21

Neeraj Appani

~~Heer~~

IOT Practical No 3

SDS	Page No.
Date	

Aim: Write a basic bash script to open program in kiosk mode. learn how to autostart program on boot.

Steps:

- Open the terminal
- Make directory autostart - in home/pi/.config
- Create a file kiosk.desktop using command nano/home/pi/.config/autostart/kiosk.desktop
- Write the following lines in kiosk.desktop file.

[Desktop Entry]

Type=Application

Name=kiosk

Exec=/home/pi/kiosk.sh

X-GNOME-Autostart-enabled=true

- Create a file kiosk.sh file using command nano/home/pi/kiosk.sh

Export Display=:0

Unclutter &

sed -i 's/"excited-cleanly": false/"excited-cleanly": true/'

sed -i 's/"exit-type": "crashed"/"exit-type": "Normal"/'

Chromium-browser-kiosk <https://fb.com>

Sleep 10s

Chromium-browser-kiosk <https://twitter.com>



```
File Edit Tabs Help
GNU nano 2.3.6 File: /home/pi/.config/autostart/kiosk.desktop
[Desktop Entry]
type=Application
name=Kiosk
exec=/home/pi/kiosk.sh
X-BNOME-Autostart-enabled=true

Get Help      WriteOut     Read File    Prev Page    Cut Text     Cur Pos
EXIT          Justify     Where Is     Next Page    UnCut Text   To Spell
```

System tray area showing various icons including network, volume, and system status. The date and time displayed are 2018-10-15-064. The user is logged in as pi@raspberrypi.

File Edit Tabs Help
GNU nano 2.2.6 File: /home/pi/kiosk.sh

```
Run this script in display 0 - the monitor
export DISPLAY=:0
# Hide the mouse from the display
unclutter &
# If Chrome crashes (usually due to rebooting), clear the crash flag so we don't have the annoying warning bar
sed -i "s/'exited_cleanly':false/'exited_cleanly':true/" /home/pi/.config/chromium/Default/Preferences
sed -i "s/'exit_type':'Crashed'/'exit_type':'Normal'/" /home/pi/.config/chromium/Default/Preferences
# Run Chromium and open tabs
chromium-browser --kiosk https://fb.com
sleep 10s
chromium-browser https://twitter.com
```

Get Help Writeout Read File Prev Page Cut Text Cur Pos
EXIT Justify Where Is Next Page Uncut Text To Spell

It's free and always will be.

New password

Why do I need to provide my date of birth?

☐ Female ☐ Male

By clicking Sign Up, you agree to our [Terms](#), [Data Policy](#) and [Cookie Policy](#). You may receive SMS notifications from us and can opt-out at any time.

[Sign Up](#)

Create a Page for a celebrity, brand or business.

