

Lab3

- Name: Aravinth TM
- Registration Number: 19BCE7415

Script

browser location

```
which firefox
```

file replication

multiple ways to do it:

if root:

```
sudo updatedb  
locate File1(*)
```

if not root

```
cd /  
find | grep "File1("
```

File replication script

Script

```
#!/bin/bash  
  
touch File1  
  
for i in {0..50}  
do  
    cp File1 File1  
    cp File1 File1\($i\  
done
```

done

ls

Output

```
File1      'File1(15)' 'File1(22)' 'File1(3)'  'File1(37)' 'File1(44)' 'File1(6'
'File1(0)'  'File1(16)' 'File1(23)' 'File1(30)' 'File1(38)' 'File1(45)' 'File1(7'
'File1(1)'  'File1(17)' 'File1(24)' 'File1(31)' 'File1(39)' 'File1(46)' 'File1(8'
'File1(10)' 'File1(18)' 'File1(25)' 'File1(32)' 'File1(4)'  'File1(47)' 'File1(9'
'File1(11)' 'File1(19)' 'File1(26)' 'File1(33)' 'File1(40)' 'File1(48)'
'File1(12)' 'File1(2)'  'File1(27)' 'File1(34)' 'File1(41)' 'File1(49)'
'File1(13)' 'File1(20)' 'File1(28)' 'File1(35)' 'File1(42)' 'File1(5)'
'File1(14)' 'File1(21)' 'File1(29)' 'File1(36)' 'File1(43)' 'File1(50)'
```

Scheduling tasks

Schedule a task

```
→ lab3 git:(master) x crontab 19bce7415_Task1
→ lab3 git:(master) x crontab -l
30 10 * * 7 /usr/bin/notify-send "running cron job"
```

Executes at 10:30 every day

Change time of the previous task

```
→ lab3 git:(master) x crontab 19bce7415_Task1
→ lab3 git:(master) x crontab -l
30 17 * * 7 /usr/bin/notify-send "running cron job"
```

Executes at 17:30 every day

Schedule new task to run only on weekdays

```
→ lab3 git:(master) x crontab 19bce7415_Task1
→ lab3 git:(master) x crontab -l
30 17 * * 7 /usr/bin/notify-send "running cron job"
```

```
30 17 * * 1-5 /usr/bin/notify-send "running weekdays only cron job"
```

Executes at 17:30 every weekday