Processes – Solutions

Lab1: Background and Foreground Jobs

Step-1: `[test1@localhost ~]$ (date; sleep 60; date; sleep 180; date) > date.out &`

Step-2: `[test1@localhost ~]$ cat date.out`

Step-3: `[test1@localhost ~]$ jobs`

Step-4: `[test1@localhost ~]$ fg %1`

Ctrl-Z

Step-5: `[test1@localhost ~]$ bg %1`

Step-6: `[test1@localhost ~]$ jobs`

Step-7: `[test1@localhost ~]$ kill %1`

Step-8: `[test1@localhost ~]$ jobs`

....

Lab 2: Scheduling a One-Time Backup

```
$ at now + 10 minutes
at> cp dir1/* dir2/
at> CTRL-
```

....

Lab 3: Scheduling Repeated Backups

```
$ nano mycron
0 10 * * * /root/bin/mybackup
CTRL-X
$ nano bin/mybackup
cp dir1/* dir2/
CTRL-X
$ chmod +x bin/mybackup
$ crontab mycron
$ crontab -l
```

Lab 4: Using the `sleep` command.

```
$ sleep 600; echo "The meeting is starting in 15 minutes"
```