

Assignment – User Management

1) Create user "nikhil" with home directory set as "/home/nikhil"

```
ubuntu@ip-172-31-12-62:~$ sudo useradd nikhil
ubuntu@ip-172-31-12-62:~$ sudo usermod -d /home/nikhil nikhil
usermod: no changes
```

a) nikhil user should have "/bin/sh" shell for his environment.

```
ubuntu@ip-172-31-12-62:~$ sudo chsh -s /bin/sh nikhil

shubham:x:1008:1008:~/home/shubham:/bin/sh
nikhil:x:1009:1009:~/home/nikhil:/bin/sh
```

b) His password should expire in 9 days and 2 days before password expiry, he should get warning. User account must expire in 1 month from creation date.

```
ubuntu@ip-172-31-12-62:~$ sudo passwd nikhil
New password:
Retype new password:
passwd: password updated successfully
ubuntu@ip-172-31-12-62:~$ sudo chage -M 9 nikhil
ubuntu@ip-172-31-12-62:~$ sudo chage -W 2 nikhil
ubuntu@ip-172-31-12-62:~$ sudo chage -E $(date -d "+1 month" +%Y-%m-%d) nikhil
```

c) Give him root privileges to start/stop cron daemon.

```
ubuntu@ip-172-31-12-62:~$ sudo visudo
nikhil ALL=(ALL) NOPASSWD: /bin/systemctl start cron, /bin/systemctl stop cron
```

2) Inside folder "/", create new home directory as "nikhil" (/nikhil) and setup this folder as a home directory for user "nikhil"

```
ubuntu@ip-172-31-12-62:~$ sudo mkdir /nikhil

ubuntu@ip-172-31-12-62:~$ sudo usermod -d /nikhil nikhil
ubuntu@ip-172-31-12-62:~$ getent passwd nikhil
nikhil:x:1009:1009:~/nikhil:/bin/sh
```