

Assignment 2– User Management

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

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

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

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

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

```
sudo useradd -m -d /home/nikhil -s /bin/sh
```

```
sudo chage -M 9 -W 2 nikhil
```

```
date -d "+1 month" +"%Y-%m-%d"
```

```
sudo chage -E 2023-12-27 nikhil
```

```
sudo mkdir /nikhil
```

```
sudo chown nikhil:nikhil /nikhil
```

```
sudo chmod 700 /nikhil
```

```
ubuntu@ip-172-31-8-251:~$  
ubuntu@ip-172-31-8-251:~$ grep nikhil /etc/passwd  
nikhil:x:2001:2001:~/home/nikhil:/bin/sh  
ubuntu@ip-172-31-8-251:~$ sudo chage -M 9 -W 2 nikhil  
ubuntu@ip-172-31-8-251:~$ sudo chage -l nikhil  
chage: Permission denied.  
ubuntu@ip-172-31-8-251:~$ sudo chage -l nikhil  
Last password change          : Nov 27, 2024  
Password expires              : Dec 06, 2024  
Password inactive             : never  
Account expires               : never  
Minimum number of days between password change : 0  
Maximum number of days between password change : 9  
Number of days of warning before password expires : 2  
ubuntu@ip-172-31-8-251:~$ date -d "+1 month" +"%Y-%m-%d"  
2024-12-27  
ubuntu@ip-172-31-8-251:~$ sudo chage -E 2023-12-27 nikhil  
ubuntu@ip-172-31-8-251:~$ sudo chage -l nikhil  
Last password change          : Nov 27, 2024  
Password expires              : Dec 06, 2024  
Password inactive             : never  
Account expires               : Dec 27, 2023  
Minimum number of days between password change : 0  
Maximum number of days between password change : 9  
Number of days of warning before password expires : 2  
ubuntu@ip-172-31-8-251:~$ sudo visudo  
visudo: /etc/sudoers.tmp unchanged  
ubuntu@ip-172-31-8-251:~$ sudo mkdir /nikhil  
ubuntu@ip-172-31-8-251:~$ sudo chown nikhil:nikhil /nikhil  
ubuntu@ip-172-31-8-251:~$ sudo chmod 700 /nikhil  
ubuntu@ip-172-31-8-251:~$ sudo usermod -d /nikhil nikhil  
ubuntu@ip-172-31-8-251:~$ mv /home/nikhil/* /nikhil/  
mv: cannot stat '/home/nikhil/*': No such file or directory  
ubuntu@ip-172-31-8-251:~$ ls -ld /nikhil  
drwx----- 2 nikhil nikhil 4096 Nov 27 01:00 /nikhil  
ubuntu@ip-172-31-8-251:~$
```