

Mohamed Monir Mohamed Dobe

Task (2)

1- Create a directory and change its user and group

```
root@DESKTOP-1IPFIN4:~# mkdir Zagazig
root@DESKTOP-1IPFIN4:~# ls -la
total 48
drwx----- 7 root root 4096 Jun 28 19:43 .
drwxr-xr-x 19 root root 4096 Jun 28 18:41 ..
-rw----- 1 root root 490 Jun 26 15:31 .bash_history
-rw-r--r-- 1 root root 3106 Oct 15 2021 .bashrc
drwx----- 2 root root 4096 Jun 23 00:22 .cache
drwxr-xr-x 3 root root 4096 Jun 26 00:10 .local
-rw-r--r-- 1 root root 0 Jun 28 18:41 .motd_shown
-rw-r--r-- 1 root root 161 Jul 9 2019 .profile
-rw----- 1 root root 833 Jun 26 12:25 .viminfo
drwxr-xr-x 2 root root 4096 Jun 26 12:25 ITI
drwxr-xr-x 2 root root 4096 Jun 28 19:43 Zagazig
-rw-r--r-- 1 root root 160 Jun 26 13:46 archive.zip
drwx----- 3 root root 4096 Jun 23 00:22 snap
-rw-r--r-- 1 root root 0 Jun 26 14:06 zamalek
```

```
root@DESKTOP-1IPFIN4:~# sudo adduser monir
Adding user 'monir' ...
Adding new group 'monir' (1000) ...
Adding new user 'monir' (1000) with group 'monir' ...
Creating home directory '/home/monir' ...
Copying files from '/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for monir
Enter the new value, or press ENTER for the default
    Full Name []: Monir
    Room Number []:
    Work Phone []:
    Home Phone []:
    Other []:
Is the information correct? [Y/n] Y
root@DESKTOP-1IPFIN4:~# sudo groupadd dobea
root@DESKTOP-1IPFIN4:~# ls -la
total 48
drwx----- 7 root root 4096 Jun 28 19:43 .
drwxr-xr-x 19 root root 4096 Jun 28 18:41 ..
-rw----- 1 root root 490 Jun 26 15:31 .bash_history
-rw-r--r-- 1 root root 3106 Oct 15 2021 .bashrc
drwx----- 2 root root 4096 Jun 23 00:22 .cache
drwxr-xr-x 3 root root 4096 Jun 26 00:10 .local
-rw-r--r-- 1 root root 0 Jun 28 18:41 .motd_shown
-rw-r--r-- 1 root root 161 Jul 9 2019 .profile
-rw----- 1 root root 833 Jun 26 12:25 .viminfo
drwxr-xr-x 2 root root 4096 Jun 26 12:25 ITI
```

```

root@DESKTOP-1IPFIN4:~# sudo chown monir:dobea Zagazig
root@DESKTOP-1IPFIN4:~# ls -la
total 48
drwx----- 7 root root 4096 Jun 28 19:43 .
drwxr-xr-x 19 root root 4096 Jun 28 18:41 ..
-rw----- 1 root root 490 Jun 26 15:31 .bash_history
-rw-r--r-- 1 root root 3106 Oct 15 2021 .bashrc
drwx----- 2 root root 4096 Jun 23 00:22 .cache
drwxr-xr-x 3 root root 4096 Jun 26 00:10 .local
-rw-r--r-- 1 root root 0 Jun 28 18:41 .motd_shown
-rw-r--r-- 1 root root 161 Jul 9 2019 .profile
-rw----- 1 root root 833 Jun 26 12:25 .viminfo
drwxr-xr-x 2 root root 4096 Jun 26 12:25 ITI
drwxr-xr-x 2 monir dobea 4096 Jun 28 19:43 Zagazig
-rw-r--r-- 1 root root 160 Jun 26 13:46 archive.zip
drwx----- 3 root root 4096 Jun 23 00:22 snap
-rw-r--r-- 1 root root 0 Jun 26 14:06 zamalek

```

2- Create script.sh and change permissions by two ways

```

root@DESKTOP-1IPFIN4:~# touch script.sh
root@DESKTOP-1IPFIN4:~# nano script.sh
root@DESKTOP-1IPFIN4:~# ls -la
total 52
drwx----- 7 root root 4096 Jun 28 19:49 .
drwxr-xr-x 19 root root 4096 Jun 28 18:41 ..
-rw----- 1 root root 490 Jun 26 15:31 .bash_history
-rw-r--r-- 1 root root 3106 Oct 15 2021 .bashrc
drwx----- 2 root root 4096 Jun 23 00:22 .cache
drwxr-xr-x 3 root root 4096 Jun 26 00:10 .local
-rw-r--r-- 1 root root 0 Jun 28 18:41 .motd_shown
-rw-r--r-- 1 root root 161 Jul 9 2019 .profile
-rw----- 1 root root 833 Jun 26 12:25 .viminfo
drwxr-xr-x 2 root root 4096 Jun 26 12:25 ITI
drwxr-xr-x 2 monir dobea 4096 Jun 28 19:43 Zagazig
-rw-r--r-- 1 root root 160 Jun 26 13:46 archive.zip
-rw-r--r-- 1 root root 24 Jun 28 19:49 script.sh
drwx----- 3 root root 4096 Jun 23 00:22 snap
-rw-r--r-- 1 root root 0 Jun 26 14:06 zamalek
root@DESKTOP-1IPFIN4:~# chmod 423 script.sh
root@DESKTOP-1IPFIN4:~# chmod u+rwx,g+rwx,o+rwx script.sh

```

3 - Create user

```
root@DESKTOP-1IPFIN4:~# sudo adduser mony
Adding user `mony' ...
Adding new group `mony' (1003) ...
Adding new user `mony' (1001) with group `mony' ...
Creating home directory `/home/mony' ...
Copying files from `/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for mony
Enter the new value, or press ENTER for the default
    Full Name []:
    Room Number []:
    Work Phone []:
    Home Phone []:
    Other []:
Is the information correct? [Y/n] Y
```

4- Change user + group for 1

```
root@DESKTOP-1IPFIN4:~# sudo chown mony:dobea Zagazig
root@DESKTOP-1IPFIN4:~# ls -la
total 52
drwx-----  7 root root  4096 Jun 28 19:49 .
drwxr-xr-x 19 root root  4096 Jun 28 18:41 ..
-rw-----  1 root root   490 Jun 26 15:31 .bash_history
-rw-r--r--  1 root root  3106 Oct 15  2021 .bashrc
drwx-----  2 root root  4096 Jun 23 00:22 .cache
drwxr-xr-x  3 root root  4096 Jun 26 00:10 .local
-rw-r--r--  1 root root     0 Jun 28 18:41 .motd_shown
-rw-r--r--  1 root root   161 Jul  9  2019 .profile
-rw-----  1 root root   833 Jun 26 12:25 .viminfo
drwxr-xr-x  2 root root  4096 Jun 26 12:25 ITI
drwxr-xr-x  2 mony dobea  4096 Jun 28 19:43 Zagazig
-rw-r--r--  1 root root   160 Jun 26 13:46 archive.zip
-rwxrwxrwx  1 root root    24 Jun 28 19:49 script.sh
drwx-----  3 root root  4096 Jun 23 00:22 snap
-rw-r--r--  1 root root     0 Jun 26 14:06 zamalek
```

5- Zip for dir

```
root@DESKTOP-1IPFIN4:~# zip -r Zagazig.zip Zagazig
  adding: Zagazig/ (stored 0%)
root@DESKTOP-1IPFIN4:~# ls -la
total 56
drwx-----  7 root root  4096 Jun 28 19:54 .
drwxr-xr-x 19 root root  4096 Jun 28 18:41 ..
-rw-----  1 root root   490 Jun 26 15:31 .bash_history
-rw-r--r--  1 root root  3106 Oct 15  2021 .bashrc
drwx-----  2 root root  4096 Jun 23 00:22 .cache
drwxr-xr-x  3 root root  4096 Jun 26 00:10 .local
-rw-r--r--  1 root root     0 Jun 28 18:41 .motd_shown
-rw-r--r--  1 root root   161 Jul  9  2019 .profile
-rw-----  1 root root   833 Jun 26 12:25 .viminfo
drwxr-xr-x  2 root root  4096 Jun 26 12:25 ITI
drwxr-xr-x  2 mony dobea 4096 Jun 28 19:43 Zagazig
-rw-r--r--  1 root root   166 Jun 28 19:54 Zagazig.zip
-rw-r--r--  1 root root   160 Jun 26 13:46 archive.zip
-rwxrwxrwx  1 root root    24 Jun 28 19:49 script.sh
drwx-----  3 root root  4096 Jun 23 00:22 snap
-rw-r--r--  1 root root     0 Jun 26 14:06 zamalek
root@DESKTOP-1IPFIN4:~#
```