TASK2

```
ali@ALI:~$ mkdir task2
ali@ALI:~$ ll
total 58452
drwxr-x--- 1 ali  ali       4096 Jun 29 12:15 ./
drwxr-xr-x 1 root root       4096 Jun 26 15:45 ../
drwxr-xr-x 1 ali  ali       4096 Dec  8  2023 .aws/
-rw------- 1 ali  ali        950 Jun 26 18:41 .bash_history
-rw-r--r-- 1 ali  ali        220 Oct 20  2023 .bash_logout
-rw-r--r-- 1 ali  ali       3771 Oct 20  2023 .bashrc
-rw------- 1 ali  ali         20 Feb 25 21:56 .lesshst
-rw-r--r-- 1 ali  ali          0 Jun 29 12:10 .motd_shown
-rw-r--r-- 1 ali  ali        807 Oct 20  2023 .profile
-rw-r--r-- 1 ali  ali          0 Dec  8  2023 .sudo_as_admin_successful
-rw------- 1 ali  ali       2006 Jun 26 15:40 .viminfo
drwxr-xr-x 1 ali  ali       4096 Dec  6  2023 aws/
-rw-r--r-- 1 ali  ali   59837948 Dec  8  2023 awscliv2.zip
drwxr-xr-x 1 ali  ali       4096 Jun 29 12:15 task2/
ali@ALI:~$
```

```
ali@ALI:~$ sudo adduser amin
[sudo] password for ali:
Adding user `amin' ...
Adding new group `amin' (1002) ...
Adding new user `amin' (1002) with group `amin' ...
Creating home directory `/home/amin' ...
Copying files from `/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for amin
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
ali@ALI:~$ ll
total 58452
drwxr-x--- 1 ali  ali       4096 Jun 29 12:15 ./
drwxr-xr-x 1 root root       4096 Jun 29 12:17 ../
drwxr-xr-x 1 ali  ali       4096 Dec  8  2023 .aws/
-rw------- 1 ali  ali        950 Jun 26 18:41 .bash_history
-rw-r--r-- 1 ali  ali        220 Oct 20  2023 .bash_logout
-rw-r--r-- 1 ali  ali       3771 Oct 20  2023 .bashrc
-rw------- 1 ali  ali         20 Feb 25 21:56 .lesshst
-rw-r--r-- 1 ali  ali          0 Jun 29 12:10 .motd_shown
-rw-r--r-- 1 ali  ali        807 Oct 20  2023 .profile
-rw-r--r-- 1 ali  ali          0 Dec  8  2023 .sudo_as_admin_successful
-rw------- 1 ali  ali       2006 Jun 26 15:40 .viminfo
drwxr-xr-x 1 ali  ali       4096 Dec  6  2023 aws/
-rw-r--r-- 1 ali  ali   59837948 Dec  8  2023 awscliv2.zip
drwxr-xr-x 1 ali  ali       4096 Jun 29 12:15 task2/
ali@ALI:~$
```

```
ali@ALI:~$ sudo groupadd salah
ali@ALI:~$ ll
total 58452
drwxr-x--- 1 ali   ali        4096 Jun 29 12:15 ./
drwxr-xr-x 1 root  root       4096 Jun 29 12:17 ../
drwxr-xr-x 1 ali   ali        4096 Dec  8  2023 .aws/
-rw------- 1 ali   ali         950 Jun 26 18:41 .bash_history
-rw-r--r-- 1 ali   ali         220 Oct 20  2023 .bash_logout
-rw-r--r-- 1 ali   ali        3771 Oct 20  2023 .bashrc
-rw------- 1 ali   ali          20 Feb 25 21:56 .lesshst
-rw-r--r-- 1 ali   ali           0 Jun 29 12:10 .motd_shown
-rw-r--r-- 1 ali   ali         807 Oct 20  2023 .profile
-rw-r--r-- 1 ali   ali           0 Dec  8  2023 .sudo_as_admin_successful
-rw------- 1 ali   ali        2006 Jun 26 15:40 .viminfo
drwxr-xr-x 1 ali   ali        4096 Dec  6  2023 aws/
-rw-r--r-- 1 ali   ali    59837948 Dec  8  2023 awscliv2.zip
drwxr-xr-x 1 ali   ali        4096 Jun 29 12:15 task2/
ali@ALI:~$
```

```
ali@ALI:~$ chown amin:salah task2
chown: changing ownership of 'task2': Operation not permitted
ali@ALI:~$ chown amin:salah task2/
chown: changing ownership of 'task2/': Operation not permitted
ali@ALI:~$ chmod 777 task2/
ali@ALI:~$ chown amin:salah task2
chown: changing ownership of 'task2': Operation not permitted
ali@ALI:~$ chown amin:salah task2/
chown: changing ownership of 'task2/': Operation not permitted
ali@ALI:~$ sudo chown amin:salah task2
ali@ALI:~$
```

```
drwxr-xr-x 1 ali   ali        4096 Jun 29 12:15 task2/
```

```
ali@ALI:~$ ll
total 58452
drwxr-x--- 1 ali   ali        4096 Jun 29 12:15 ./
drwxr-xr-x 1 root  root       4096 Jun 29 12:17 ../
drwxr-xr-x 1 ali   ali        4096 Dec  8  2023 .aws/
-rw------- 1 ali   ali         950 Jun 26 18:41 .bash_history
-rw-r--r-- 1 ali   ali         220 Oct 20  2023 .bash_logout
-rw-r--r-- 1 ali   ali        3771 Oct 20  2023 .bashrc
-rw------- 1 ali   ali          20 Feb 25 21:56 .lesshst
-rw-r--r-- 1 ali   ali           0 Jun 29 12:10 .motd_shown
-rw-r--r-- 1 ali   ali         807 Oct 20  2023 .profile
-rw-r--r-- 1 ali   ali           0 Dec  8  2023 .sudo_as_admin_successful
-rw------- 1 ali   ali        2006 Jun 26 15:40 .viminfo
drwxr-xr-x 1 ali   ali        4096 Dec  6  2023 aws/
-rw-r--r-- 1 ali   ali    59837948 Dec  8  2023 awscliv2.zip
drwxrwxrwx 1 amin  salah      4096 Jun 29 12:15 task2/
ali@ALI:~$
```

```
ali@ALI:~$ touch script.sh
ali@ALI:~$ vim script.sh
ali@ALI:~$ cat script.sh
#!/bin/bash

# This script prints a greeting message

echo "Hello, World!"
ali@ALI:~$
```

```
ali@ALI:~$ chmod 777 script.sh
ali@ALI:~$ chmod u+rwx,g+rwx,o+rwx script.sh
ali@ALI:~$ ll
total 58452
drwxr-x--- 1 ali   ali       4096 Jun 29 12:26 ./
drwxr-xr-x 1 root  root      4096 Jun 29 12:17 ../
drwxr-xr-x 1 ali   ali       4096 Dec  8  2023 .aws/
-rw------- 1 ali   ali        950 Jun 26 18:41 .bash_history
-rw-r--r-- 1 ali   ali        220 Oct 20  2023 .bash_logout
-rw-r--r-- 1 ali   ali       3771 Oct 20  2023 .bashrc
-rw------- 1 ali   ali         20 Feb 25 21:56 .lesshst
-rw-r--r-- 1 ali   ali          0 Jun 29 12:10 .motd_shown
-rw-r--r-- 1 ali   ali        807 Oct 20  2023 .profile
-rw-r--r-- 1 ali   ali          0 Dec  8  2023 .sudo_as_admin_successful
-rw------- 1 ali   ali       3156 Jun 29 12:26 .viminfo
drwxr-xr-x 1 ali   ali       4096 Dec  6  2023 aws/
-rw-r--r-- 1 ali   ali   59837948 Dec  8  2023 awscliv2.zip
-rwxrwxrwx 1 ali   ali         75 Jun 29 12:26 script.sh*
drwxrwxrwx 1 amin  salah     4096 Jun 29 12:15 task2/
ali@ALI:~$
```

```
ali@ALI:~$ ll
total 58452
drwxr-x--- 1 ali   ali       4096 Jun 29 12:26 ./
drwxr-xr-x 1 root  root      4096 Jun 29 12:17 ../
drwxr-xr-x 1 ali   ali       4096 Dec  8  2023 .aws/
-rw------- 1 ali   ali        950 Jun 26 18:41 .bash_history
-rw-r--r-- 1 ali   ali        220 Oct 20  2023 .bash_logout
-rw-r--r-- 1 ali   ali       3771 Oct 20  2023 .bashrc
-rw------- 1 ali   ali         20 Feb 25 21:56 .lesshst
-rw-r--r-- 1 ali   ali          0 Jun 29 12:10 .motd_shown
-rw-r--r-- 1 ali   ali        807 Oct 20  2023 .profile
-rw-r--r-- 1 ali   ali          0 Dec  8  2023 .sudo_as_admin_successful
-rw------- 1 ali   ali       3156 Jun 29 12:26 .viminfo
drwxr-xr-x 1 ali   ali       4096 Dec  6  2023 aws/
-rw-r--r-- 1 ali   ali   59837948 Dec  8  2023 awscliv2.zip
-rw-r--r-- 1 ali   ali         75 Jun 29 12:26 script.sh
drwxrwxrwx 1 amin  salah     4096 Jun 29 12:15 task2/
ali@ALI:~$
```

```
ali@ALI:~$ sudo chown alwa:salah task2/
ali@ALI:~$ ll
total 58452
drwxr-x--- 1 ali   ali        4096 Jun 29 12:26 ./
drwxr-xr-x 1 root  root       4096 Jun 29 12:31 ../
drwxr-xr-x 1 ali   ali        4096 Dec  8  2023 .aws/
-rw------- 1 ali   ali         950 Jun 26 18:41 .bash_history
-rw-r--r-- 1 ali   ali         220 Oct 20  2023 .bash_logout
-rw-r--r-- 1 ali   ali        3771 Oct 20  2023 .bashrc
-rw------- 1 ali   ali          20 Feb 25 21:56 .lesshst
-rw-r--r-- 1 ali   ali           0 Jun 29 12:10 .motd_shown
-rw-r--r-- 1 ali   ali         807 Oct 20  2023 .profile
-rw-r--r-- 1 ali   ali           0 Dec  8  2023 .sudo_as_admin_successful
-rw------- 1 ali   ali        3156 Jun 29 12:26 .viminfo
drwxr-xr-x 1 ali   ali        4096 Dec  6  2023 aws/
-rw-r--r-- 1 ali   ali    59837948 Dec  8  2023 awscliv2.zip
-rwxrwxrwx 1 ali   ali          75 Jun 29 12:26 script.sh*
drwxrwxrwx 1 alwa salah        4096 Jun 29 12:15 task2/
ali@ALI:~$
```

```
ali@ALI:~$ sudo adduser alwa
Adding user `alwa' ...
Adding new group `alwa' (1004) ...
Adding new user `alwa' (1003) with group `alwa' ...
Creating home directory `/home/alwa' ...
Copying files from `/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for alwa
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
ali@ALI:~$
ali@ALI:~$
```

```
sudo apt install zip
ali@ALI:~$ sudo apt install zip
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following NEW packages will be installed:
  zip
0 upgraded, 1 newly installed, 0 to remove and 0 not upgraded.
Need to get 176 kB of archives.
After this operation, 544 kB of additional disk space will be used.
Get:1 http://archive.ubuntu.com/ubuntu jammy/main amd64 zip amd64 3.0-12build2 [176 kB]
Fetched 176 kB in 1s (127 kB/s)
Selecting previously unselected package zip.
(Reading database ... 24155 files and directories currently installed.)
Preparing to unpack .../zip_3.0-12build2_amd64.deb ...
Unpacking zip (3.0-12build2) ...
Setting up zip (3.0-12build2) ...
Processing triggers for man-db (2.10.2-1) ...
ali@ALI:~$ zip -r task2.zip task2/
  adding: task2/ (stored 0%)
ali@ALI:~$ ll
total 58452
drwxr-x--- 1 ali  ali        4096 Jun 29 12:35 ./
drwxr-xr-x 1 root root       4096 Jun 29 12:31 ../
drwxr-xr-x 1 ali  ali        4096 Dec  8  2023 .aws/
-rw------- 1 ali  ali         950 Jun 26 18:41 .bash_history
-rw-r--r-- 1 ali  ali         220 Oct 20  2023 .bash_logout
-rw-r--r-- 1 ali  ali        3771 Oct 20  2023 .bashrc
-rw------- 1 ali  ali          20 Feb 25 21:56 .lesshst
-rw-r--r-- 1 ali  ali           0 Jun 29 12:10 .motd_shown
-rw-r--r-- 1 ali  ali         807 Oct 20  2023 .profile
-rw-r--r-- 1 ali  ali           0 Dec  8  2023 .sudo_as_admin_successful
-rw------- 1 ali  ali        3156 Jun 29 12:26 .viminfo
drwxr-xr-x 1 ali  ali        4096 Dec  6  2023 aws/
-rw-r--r-- 1 ali  ali    59837948 Dec  8  2023 awscliv2.zip
-rwxrwxrwx 1 ali  ali          75 Jun 29 12:26 script.sh*
drwxrwxrwx 1 alwa salah      4096 Jun 29 12:15 task2/
-rw-r--r-- 1 ali  ali         162 Jun 29 12:35 task2.zip
```