

AdminLinux_Task5

Section 2

Q1:

```
alaa@alaaHP:~/Embedded-Linux/AdminLinux_Task5$ sudo groupadd -g 30000 pgroup
alaa@alaaHP:~/Embedded-Linux/AdminLinux_Task5$ cat /etc/group | grep pgroup
pgroup:x:30000:
alaa@alaaHP:~/Embedded-Linux/AdminLinux_Task5$
```

Q2:

```
alaa@alaaHP:~/Embedded-Linux/AdminLinux_Task5$ sudo passwd -l aya
passwd: password expiry information changed.
alaa@alaaHP:~/Embedded-Linux/AdminLinux_Task5$ sudo passwd -S aya
aya L 12/13/2023 100 9999 7 -1
alaa@alaaHP:~/Embedded-Linux/AdminLinux_Task5$
```

L is for Locked.

Q3:

```
alaa@alaaHP:~/Embedded-Linux/AdminLinux_Task5$ sudo userdel -r aya
userdel: aya mail spool (/var/mail/aya) not found
userdel: aya home directory (/home/aya) not found
alaa@alaaHP:~/Embedded-Linux/AdminLinux_Task5$ cat /etc/passwd | grep aya
alaa@alaaHP:~/Embedded-Linux/AdminLinux_Task5$
```

Q4:

```
alaa@alaaHP:~/Embedded-Linux/AdminLinux_Task5$ sudo groupadd -r MyGroup
alaa@alaaHP:~/Embedded-Linux/AdminLinux_Task5$ cat /etc/group | grep MyGroup
MyGroup:x:999:
alaa@alaaHP:~/Embedded-Linux/AdminLinux_Task5$ sudo groupdel MyGroup
alaa@alaaHP:~/Embedded-Linux/AdminLinux_Task5$ cat /etc/group | grep MyGroup
alaa@alaaHP:~/Embedded-Linux/AdminLinux_Task5$
```

Q5:

useradd:

It is a low-level, portable command available on all Linux distributions. It requires various options to add and set up an active user account, and allows changing default values for the user creation process. After creating the user with the useradd command without using any options with it, the user then requires additional setup with the passwd command to use the account.

adduser:

It is a higher-level (high-level wrapper written in Perl and is a front-end for useradd) and not available on all Linux distributions. Running this command creates an active

user account on the system. It creates a home directory, adds the default shell as Bash, and prompts the user to enter a password to unlock the account.

However, the command doesn't provide much control over the user creation details

```
alaa@alaaHP:~/Embedded-Linux/AdminLinux_Task5$ sudo useradd asmaa
[sudo] password for alaa:
alaa@alaaHP:~/Embedded-Linux/AdminLinux_Task5$ sudo adduser mona
Adding user `mona' ...
Adding new group `mona' (1001) ...
Adding new user `mona' (1001) with group `mona' ...
Creating home directory `/home/mona' ...
Copying files from `/etc/skel' ...
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
passwd: password updated successfully
Changing the user information for mona
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
alaa@alaaHP:~/Embedded-Linux/AdminLinux_Task5$
```

```
asmaa:x:1003:1003:~/home/asmaa:/bin/sh
mona:x:1001:1001:,,,:/home/mona:/bin/bash
alaa@alaaHP:~/Embedded-Linux/AdminLinux_Task5$
```

```
alaa@alaaHP:~/Embedded-Linux/AdminLinux_Task5$ ls /home
alaa  mona
```