Lab 2 RHSA

1 & 2 ---Create a user account with the following attribute

```
eslam@eslam:~$ sudo useradd -c"islam asker" -md /home/islam -s /bin/bash islam
[sudo] password for eslam:
useradd: user 'islam' already exists
eslam@eslam:~$ id islam
uid=1002(islam) gid=1003(islam) groups=1003(islam)
eslam@eslam:~$ sudo useradd -c"bad user" -md /home/baduser -s /bin/bash baduser
eslam@eslam:~$ id
uid=1000(eslam) gid=1000(eslam) groups=1000(eslam),4(adm),24(cdrom),27(sudo),30(
dip),46(plugdev),122(lpadmin),135(lxd),136(sambashare)
eslam@eslam:~$ id baduser
uid=1003(baduser) gid=1004(baduser) groups=1004(baduser)
eslam@eslam:~$ sudo passwd islam
New password:
BAD PASSWORD: The password is a palindrome
Retype new password:
passwd: password updated successfully
eslam@eslam:~$ sudo passwd baduser
New password:
BAD PASSWORD: The password is a palindrome
Retype new password:
passwd: password updated successfully
eslam@eslam:~$
```

3- Create a supplementary (Secondary) group called pgroup with group ID of 30000

```
eslam@eslam:~$ sudo groupadd -g 30000 pgroup
eslam@eslam:~$ gid pgroup
```

4 & 5- Create a supplementary group called badgroup
 Add islam user to the pgroup group as a supplementary group

```
eslam@eslam:~$ sudo usermod -G badgroup baduser
eslam@eslam:~$ sudo usermod -G pgroup islam
eslam@eslam:~$
```

6- Modify the password of islam's account to password

```
eslam@eslam:~$ sudo passwd islam
New password:
BAD PASSWORD: The password fails the dictionary check - it is based on a (rever
ed) dictionary word
Retype new password:
Sorry, passwords do not match.
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
Sorry, passwords do not match.
New password:
BAD PASSWORD: The password is a palindrome
Retype new password:
passwd: password updated successfully
eslam@eslam:~$
```

7- Modify islam's account so the password expires after 30 days

```
eslam@eslam:~$ ^C
eslam@eslam:~$ ^C
eslam@eslam:~$ ^C
eslam@eslam:~$ ^C
eslam@eslam:~$ sudo chage islam
Changing the aging information for islam
Enter the new value, or press ENTER for the default

        Minimum Password Age [0]: 30
        Maximum Password Age [99999]: 30
        Last Password Change (YYYY-MM-DD) [2023-03-16]: 2023-03-16
        Password Expiration Warning [7]: 7
        Password Inactive [-1]: 1
        Account Expiration Date (YYYY-MM-DD) [-1]: 2023-04-16
eslam@eslam:~$
```

8- Lock bad user account so he can't log in

```
eslam@eslam:~$
eslam@eslam:~$ sudo usermod -L baduser
eslam@eslam:~$
```

9-Delete bad user account

```
eslam@eslam:~$
eslam@eslam:~$ sudo userdel baduser
eslam@eslam:~$
```

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