

#### Activity 4:

1. Write a script called mychmod using for utility to give execute permission to all files in your home directory.

```
#!/bin/bash
chmod a-rx /home/
ls -l /home
```

2. Write a script called mybackup using for utility to create a backup of only files in your home directory.

```
#!/bin/bash
sudo cp -r /home/ /ahmed/
echo "done"
```

3. Design script that used to reset user password

- You will get the user id
- If user id no exist ask him to re-enter valid id, if exist
- Ask user to enter old password if right ask him for new password and then update it to the DB, if not ask him to re-enter the right old password.

```
#!/bin/bash
id=(11 22 33 44 55 66)
old=`cat file.log`
echo "$old"
echo "please enter user id"
read uid
if [[ " ${id[*]} " =~ " ${uid} " ]]
then
echo "user id is found"
echo "please enter old password"
read oldpasswd
if [[ $oldpasswd = $old ]]
then
echo "please enter the new passwd"
read new
my_var="$new"
echo "$my_var" > file.log
echo "passwd changed .... "
else
echo "old password is not correct please enter old passwd"
fi
else
echo "user id is not found please enter valid id"
```

