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"**

**fi**