تكليف دوم از مايشگاه سيستم عامل

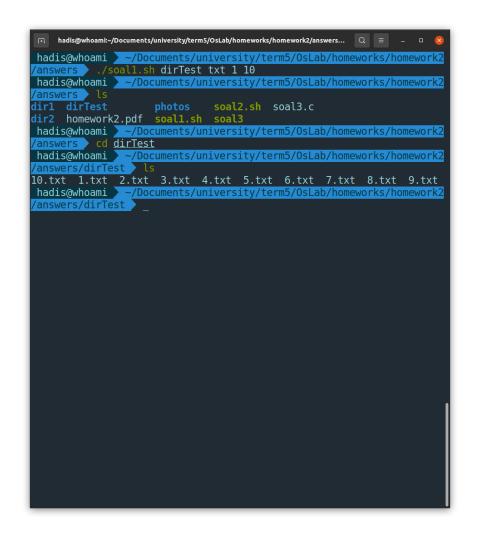
حديث غفوري 9825413

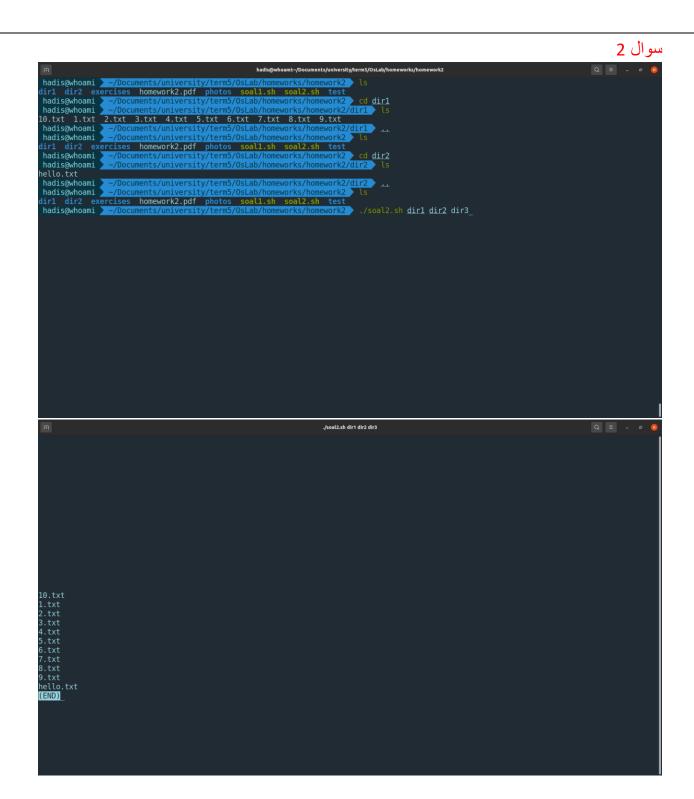
سوال 1

```
hadis@whoami:~/Documents/university/term5/OsLab/homeworks/homework2/answers 🔍 😑 _
 hadis@whoami ~/Documents/university/term5/0sLab/homeworks/homework2
/answers    ./soall.sh dirTest txt 1 10
hadis@whoami ~/Documents/university/term5/0sLab/homeworks/homework2
/answers ls
                                soal2.sh soal3.c
dir1 dirTest
dir2 homework2.pdf soal1.sh soal3
hadis@whoami ~/Documents/university/term5/OsLab/homeworks/homework2/answers cd dirTest
hadis@whoami ~/Documents/university/term5/0sLab/homeworks/homework2/answers/dirTest ls
10.txt 1.txt 2.txt 3.txt 4.txt 5.txt 6.txt 7.txt 8.txt 9.txt
hadis@whoami ~/Documents/university/term5/0sLab/homeworks/homework2
/answers/dirTest cd ...
hadis@whoami ~/Documents/university/term5/0sLab/homeworks/homework2
/answers cat soal1.sh
#!/bin/bash
mkdir $1
for (( c=$3; c<=$4; c++ ))
do
        touch $1/$c.$2
done
hadis@whoami ~/Documents/university/term5/0sLab/homeworks/homework2
/answers
```

```
vim soal1.sh
⋒
#!/bin/bash
⋒
#!/bin/bash
                                                                                               vim soal1.sh
                                                                                                                                                                                Q = - e 8
mkdir $1
for (( c=$3; c<=$4; c++ ))
do
touch $1/$c.$2
done
```

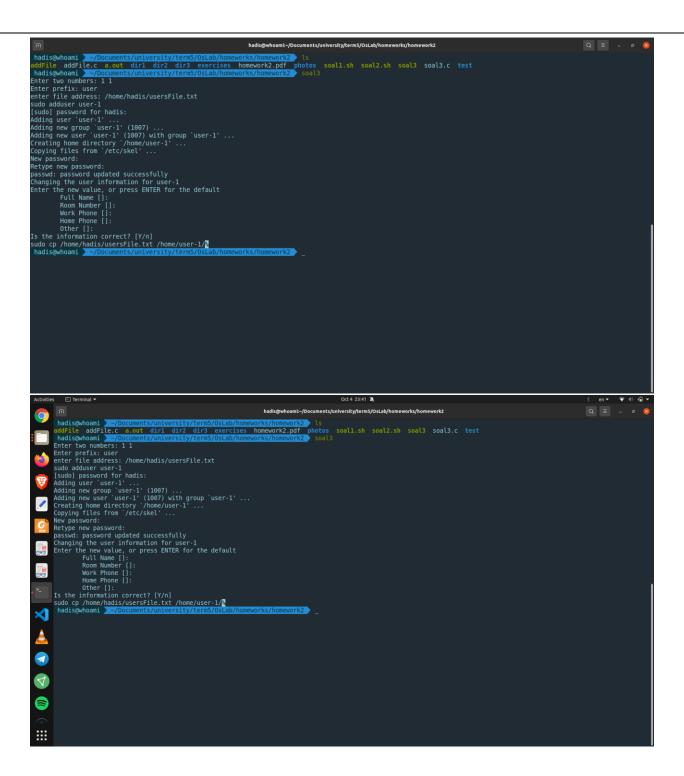
```
hadis@whoami
c-tike-for.sh
hadis@whoami
hadi
```

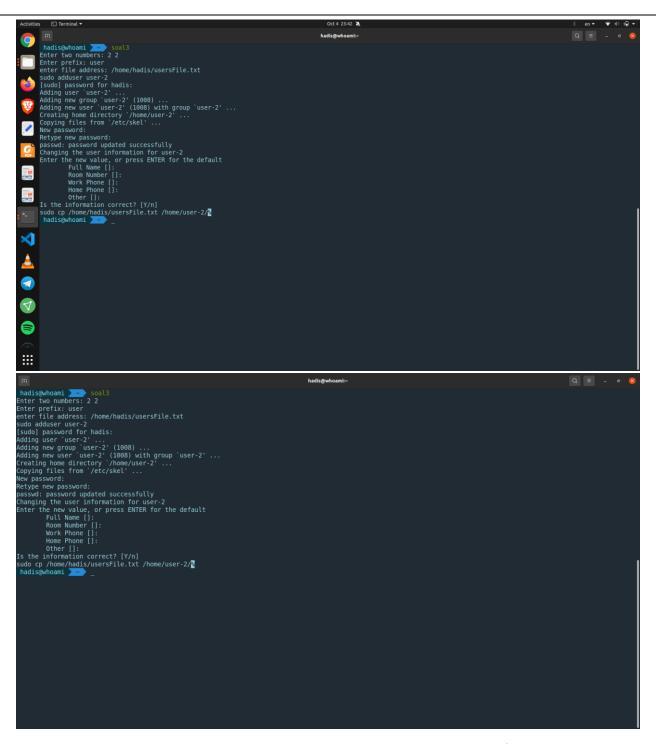




سوال 3

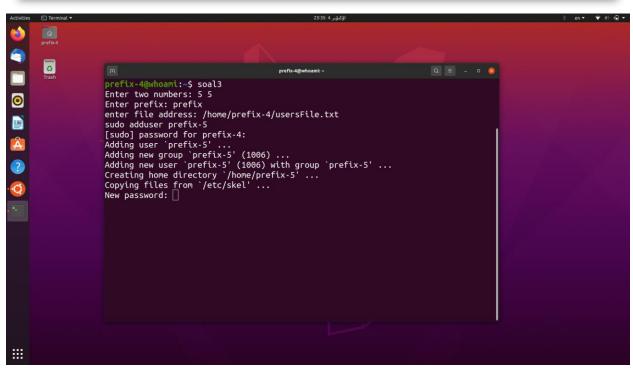
```
hadisphonal __MODERNIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINISTANIANSMINIST
```

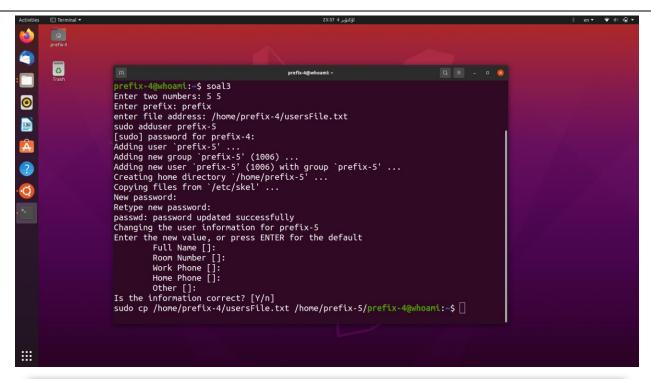




تست اجرای برنامه در محیط یوزر Prefix-4

```
prefix-4@whoami:~$ soal3
Enter two numbers: 5 5
Enter prefix: prefix
enter file address: /home/prefix-4/usersFile.txt
sudo adduser prefix-5
[sudo] password for prefix-4:
Adding user `prefix-5' ...
Adding new group `prefix-5' (1006) ...
Adding new user `prefix-5' (1006) with group `prefix-5' ...
Creating home directory `/home/prefix-5' ...
Copying files from `/etc/skel' ...
New password:
```





```
prefix-4@whoami: ~
prefix-4@whoami:~$ soal3
Enter two numbers: 5 5
Enter prefix: prefix
enter file address: /home/prefix-4/usersFile.txt
sudo adduser prefix-5
[sudo] password for prefix-4:
Adding user `prefix-5'
Adding new group `prefix-5' (1006) ...
Adding new user `prefix-5' (1006) with group `prefix-5' ...
Creating home directory `/home/prefix-5' ...
Copying files from `/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for prefix-5
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]
sudo cp /home/prefix-4/usersFile.txt /home/prefix-5/prefix-4@whoami:~$
```

چگونه این برنامه برای همه ی یوزر ها قابل اجرا باشد؟

طبق دستور زیر با اضافه کردن یک PATH به فایل etc/profile/ میتوانیم این برنامه را در محیط های یوزرهای دیگر اجرا کنیم.

همچنین چون در این برنامه باید یک یوزر جدید ساخته شود لازم است برای اجرای این برنامه یوزر جدید عضو گروه sudoers باشد.

طبق دستور بعدی هم میشود این کار را انجام داد.



sudo usermod -aG sudo prefix-4_