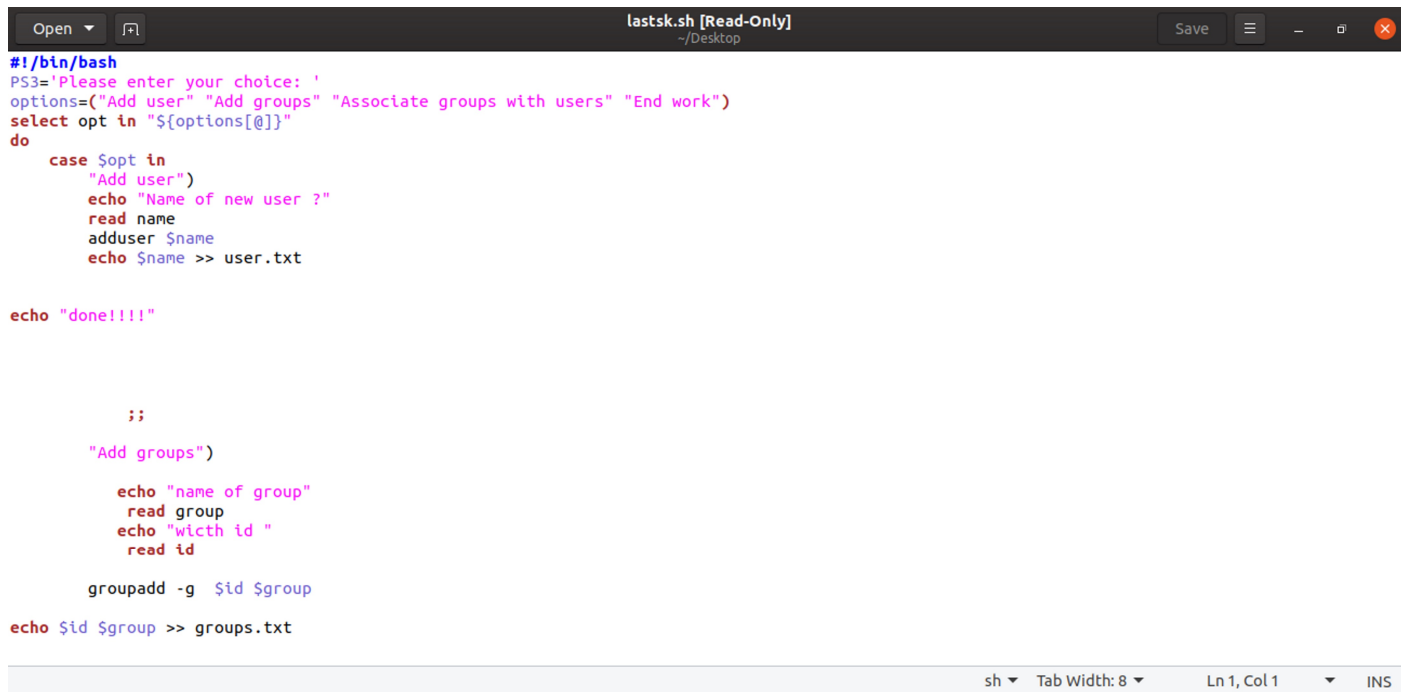


# Report ubuntu Luis Goncalves (20190481)

18 May 2020 15:06



```
#!/bin/bash
PS3='Please enter your choice: '
options=("Add user" "Add groups" "Associate groups with users" "End work")
select opt in "${options[@]}"
do
    case $opt in
        "Add user")
            echo "Name of new user ?"
            read name
            adduser $name
            echo $name >> user.txt

        "Add groups")
            echo "name of group"
            read group
            echo "with id "
            read id

            groupadd -g $id $group

        echo $id $group >> groups.txt

    ;;
done
```


The screenshot shows a terminal window titled 'lastsk.sh [Read-Only]' with a file icon and a 'Save' button. The script content is displayed in a monospaced font with syntax highlighting. The status bar at the bottom indicates 'sh', 'Tab Width: 8', 'Ln 1, Col 1', and 'INS'.

Fig 1

In this figure we can see the creation of the menu with the options of adding user , adding groups and associate groups with user , and exit

In the first case (add user) i ask for the name of the new user and then call it on adduser command ; we its finished i write on a file the name of the user .

In the second case (add group) i ask for the name of the group and the id of it ; i use the groupadd command to create the group .and write the data in the group.txt file .



```
echo "done!!!!"

"Associate groups with users")
    echo "-----users-----"
    cat user.txt
    echo "-----groups-----"
    cat groups.txt

    echo "name of user"
    read user
    echo "name of group"
    read group

    usermod -g $group $user
echo $group $user >> groupuser.txt
echo "done!!!!"

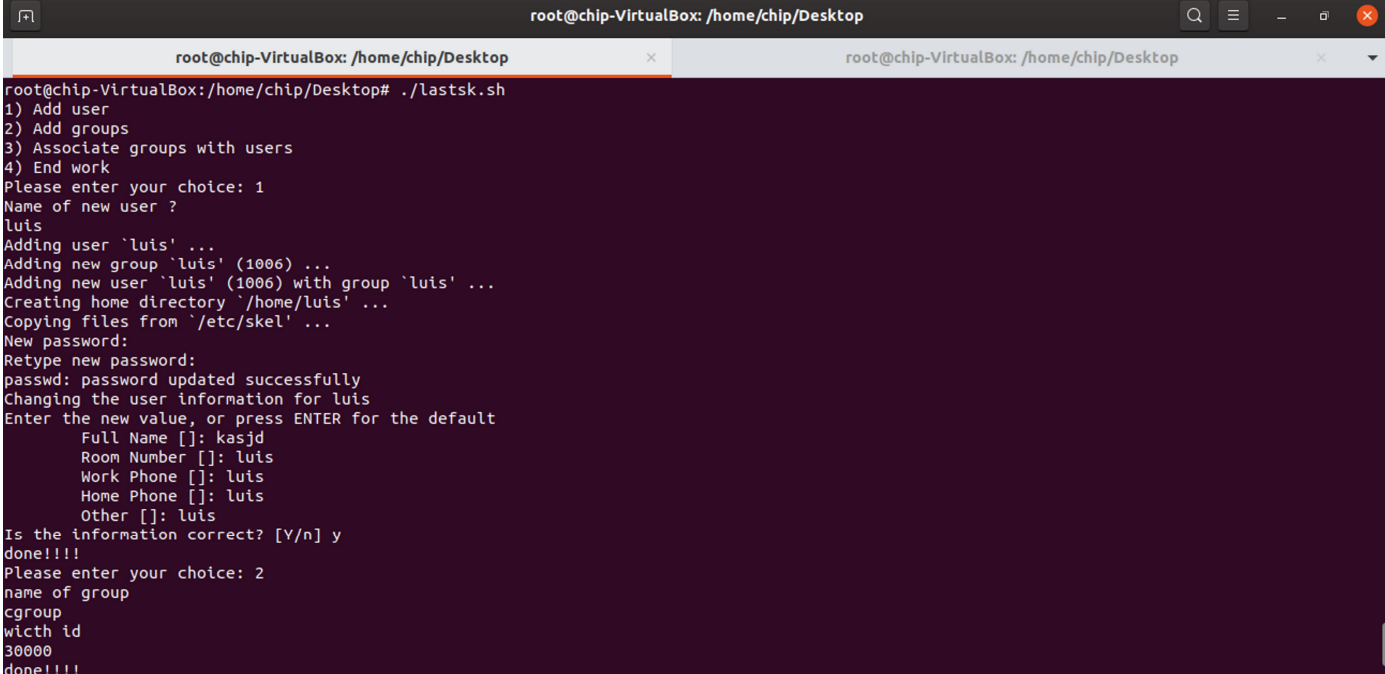
"End Work")
    break
    ;;
*) echo "invalid option $REPLY";;
esac
done
```

The screenshot shows the continuation of the script in the same terminal window. The status bar at the bottom indicates 'sh', 'Tab Width: 8', 'Ln 36, Col 16', and 'INS'.

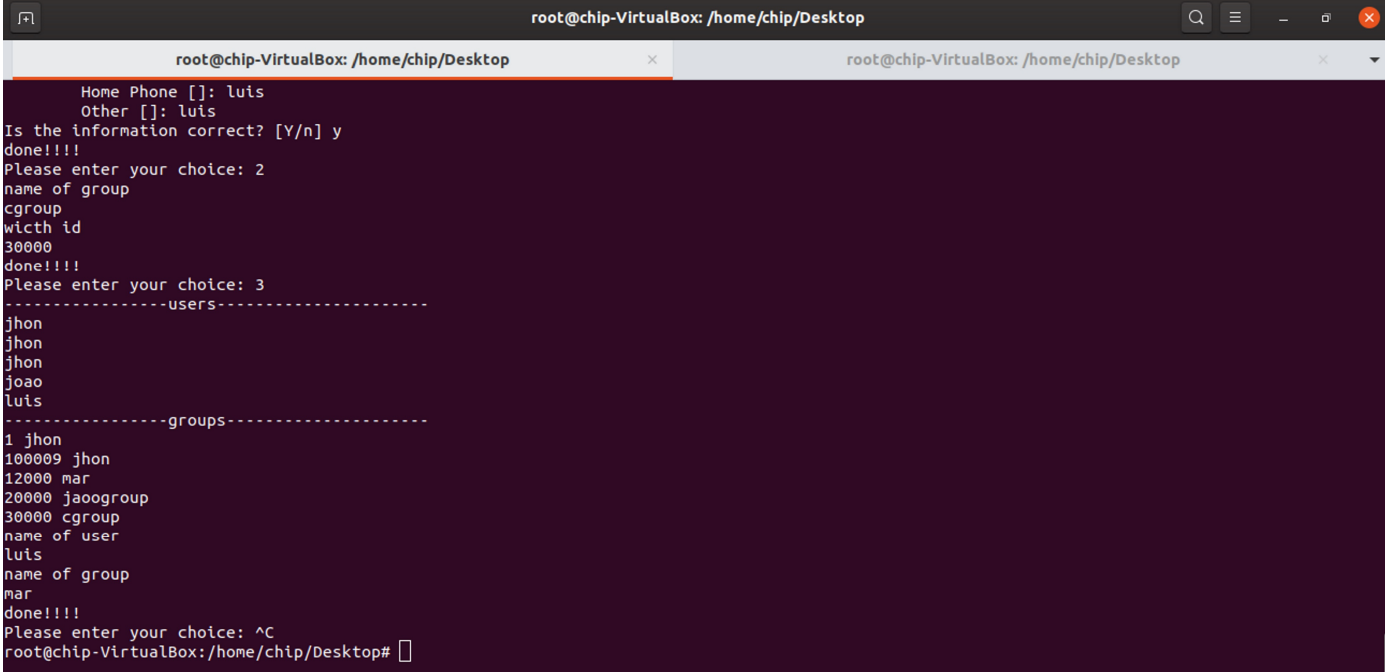
Fig 2

In this one is the association of groups with users ; i write the files created in previous options and ask for the name of the user and the name of the group ; then i use command usermod to make the change ; then i write on file groupuser.txt .  
The last option is just to exit the program

## Pictures of project working



```
root@chip-VirtualBox: /home/chip/Desktop
root@chip-VirtualBox: /home/chip/Desktop# ./lastsk.sh
1) Add user
2) Add groups
3) Associate groups with users
4) End work
Please enter your choice: 1
Name of new user ?
luis
Adding user `luis' ...
Adding new group `luis' (1006) ...
Adding new user `luis' (1006) with group `luis' ...
Creating home directory `/home/luis' ...
Copying files from `/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for luis
Enter the new value, or press ENTER for the default
    Full Name []: kasjd
    Room Number []: luis
    Work Phone []: luis
    Home Phone []: luis
    Other []: luis
Is the information correct? [Y/n] y
done!!!!
Please enter your choice: 2
name of group
cgroup
width id
30000
done!!!!
```



```
    Home Phone []: luis
    Other []: luis
Is the information correct? [Y/n] y
done!!!!
Please enter your choice: 2
name of group
cgroup
width id
30000
done!!!!
Please enter your choice: 3
-----users-----
jhon
jhon
jhon
joao
luis
-----groups-----
1 jhon
100009 jhon
12000 mar
20000 jaoogroup
30000 cgroup
name of user
luis
name of group
mar
done!!!!
Please enter your choice: ^C
root@chip-VirtualBox: /home/chip/Desktop#
```