

Institute of Computer Technology  
B. Tech Computer Science and Engineering  
Subject: BOSS (2CSE204)

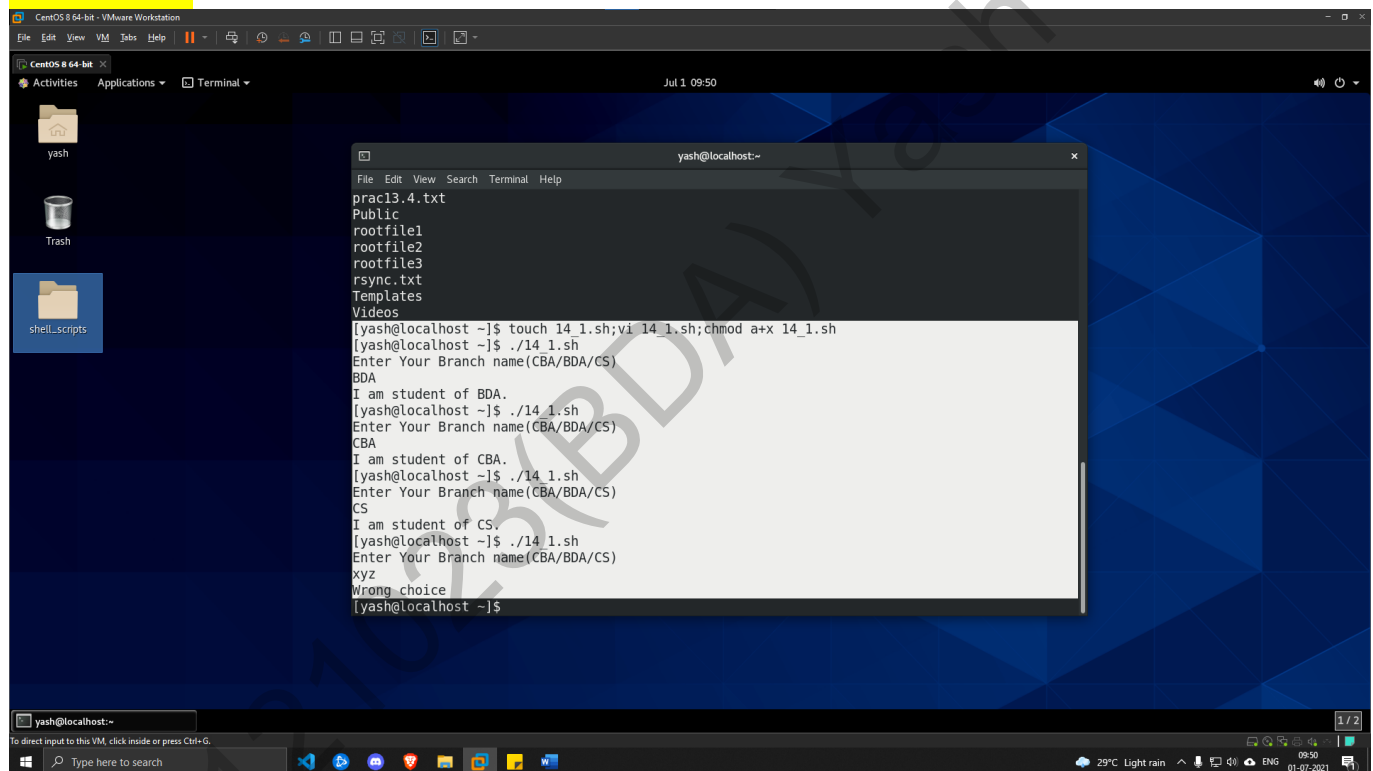
**PRACTICAL-14**

**AIM: - To learn about shell scripting in linux.**

**Exercise:**

- 1) Implement a shell script to select choice of ICT\_Branch(CBA/BDA/CS) and display following output.**
- a) BDA: I am student of BDA.**
  - b) CBA: I am student of CBA.**
  - c) CS: I am student of CS.**
  - d) xyz: Wrong choice.**

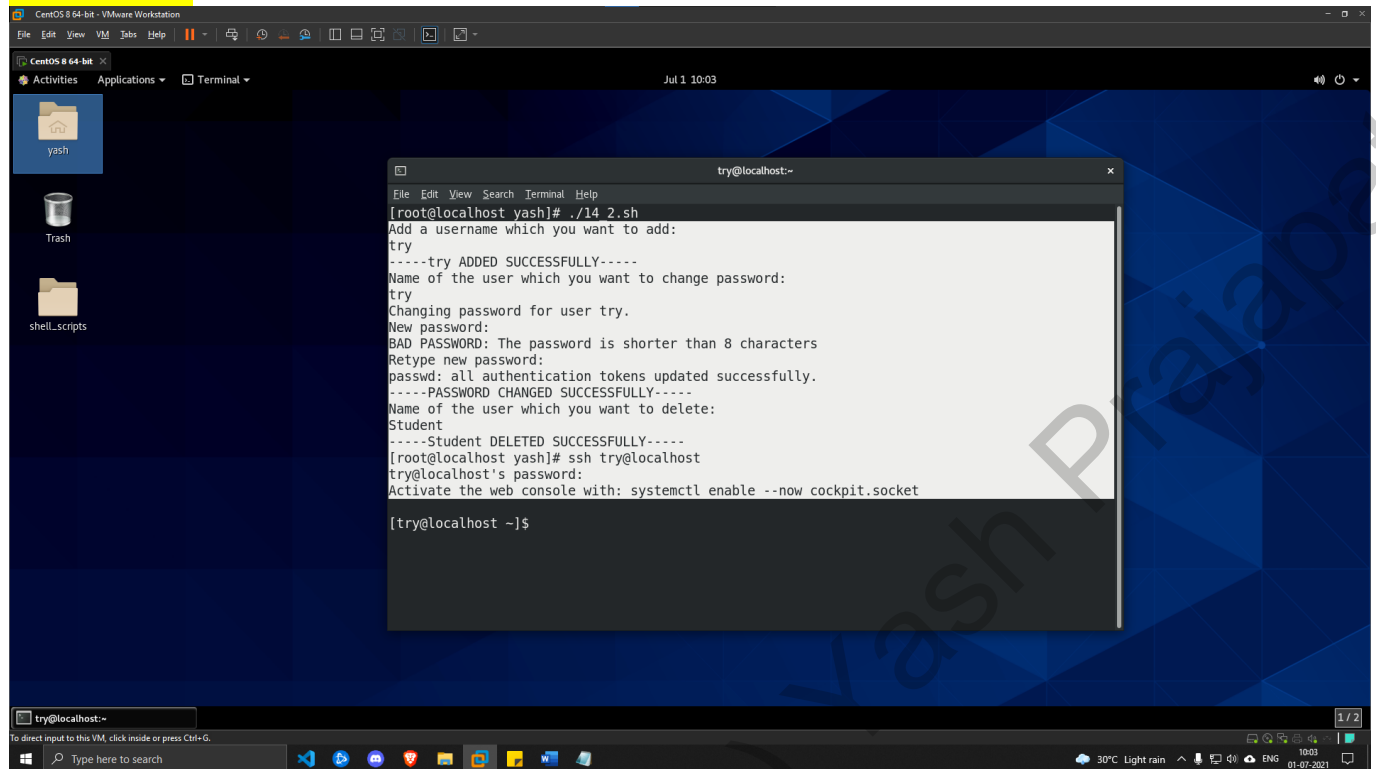
**SOLUTION**



```
pract3.4.txt
Public
rootfile1
rootfile2
rootfile3
rsync.txt
Templates
Videos
[yash@localhost ~]$ touch 14_1.sh;vi 14_1.sh;chmod a+x 14_1.sh
[yash@localhost ~]$ ./14_1.sh
Enter Your Branch name(CBA/BDA/CS)
BDA
I am student of BDA.
[yash@localhost ~]$ ./14_1.sh
Enter Your Branch name(CBA/BDA/CS)
CBA
I am student of CBA.
[yash@localhost ~]$ ./14_1.sh
Enter Your Branch name(CBA/BDA/CS)
CS
I am student of CS.
[yash@localhost ~]$ ./14_1.sh
Enter Your Branch name(CBA/BDA/CS)
xyz
Wrong choice
[yash@localhost ~]$
```

## 2) Implement a shell script to create user, delete user and change password using functions.

### SOLUTION



The screenshot shows a terminal window titled 'try@localhost:~' with the following output:

```
[root@localhost yash]# ./14 2.sh
Add a username which you want to add:
try
-----try ADDED SUCCESSFULLY-----
Name of the user which you want to change password:
try
Changing password for user try.
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
passwd: all authentication tokens updated successfully.
-----PASSWORD CHANGED SUCCESSFULLY-----
Name of the user which you want to delete:
Student
-----Student DELETED SUCCESSFULLY-----
[root@localhost yash]# ssh try@localhost
try@localhost's password:
Activate the web console with: systemctl enable --now cockpit.socket

[try@localhost ~]$
```