

Shell Scripting

QUE 21.1:- Using Bash shell Scripts write a shell scripts for the following:

- 1) Type a "redhat" than display your output "linux"
- 2) Type a "linux" than display your output "redhat"
- 3) If both option are not using than display your output "redhat linux"

QUE 21.2:- Write a shell script as naming bar.sh stored on /root which meet following requirements:

1. When we give input as "foo", it should print "bar"
2. If we give input as "bar", it should print "foo"
3. If we give any other input rather than foo or bar, it should print "/root/bar.sh foo|bar" as an error.

- script
- Create a script myusers.sh for creating users from userlist file.
- file downloaded from <http://classroom.example.com/pub/userlist> path.
- when userlist as first argument provided it will be created all the users as per users name specify in userlist file and all users should be appear /bin/false login shell. If other argument provided it will display "Invalid file name" output.
- if not providing any argument it will display "Invalid Argument"

- Script2

- Create a script /root/script.sh with executable by all such a manner

- with input "print" output should be "python"

- with input "python" output should be "print"

- with input any value output should be "python|print"

- with no input, output should be "Invalid Argument"

- create a script on serverX called `/root/random` with following details.
- When run as `/root/random user`, should bring the output as `kernel`
- When run as `/root/random kernel`, should bring the output as `user`
- When run with any other arguments or without argument, should bring the stderr as `/root/random user|kernel`

- Create a script on serverX called /root/createusers
 - When this script is called with the testfile argument, it should add all the users from the file
 - Download the file from <http://station.district0.example.com/pub/rhce/testfile>
 - All users should have the login shell as /bin/false, password not required.
 - When this script is called with anyother arguments, it should print the message as
❖Input File Not Found❖
 - When this script is run without any arguments, it should display ❖Usage:
/root/createusers❖
- Note: If the users are added no need to delete.

```
[root@server2 ~]# wget http://station.district0.example.com/pub/testfile  
[http://classroom.example.com/pub/rhce/testfile]
```

```
[root@server2 ~]# cat testfile  
arul  
john  
david
```

Qustion 23 > Script:

Write the script called /root/script. If you pass an argument as "redhat" it should print "fedora" . If you pass an argument as "fedora" it should print "redhat". If won't pass any argument (or) if you pass another argument other than "redhat" and "fedora"it will print standard error "/root/script redhat|fedora".

Q-24. Create a script on system1.

- > It should be a single argument which is the name of file that contain usernames.
- > If argument is not supplied it should display usage ./root/batchusers and exit.
- > If non existant file is specified, it should display file not found.
- > Accounts should be encounted with login shell /bin/false
- > Script does not root need to set password.

* Script2

- Create a script on serverX called /root/createusers
- When this script is called with the testfile argument, it should add all the users from the file
- Download the file from <http://station.network0.example.com/pub/testfile>
- All users should have the login shell as /bin/false, password not required.
- When this script is called with anyother argument, it should print the message as "Input File Not Found"
- When this script is run without any argument, it should display "Usage: /root/createusers"
- NOTE: If the users are added no need to delete.

* Script1

- create a script on serverX called /root/random with following details
- When run as /root/random postconf, should bring the output as "postroll"
- When run as /root/random postroll, should bring the output as "postconf"
- When run with any other argument or without argument, should bring the stderr as "/root/random postconf|postroll"

* Script2

- Create a script on serverX called /root/createusers
- When this script is called with the testfile argument, it should add all the users from the file
- Download the file from <http://station.network0.example.com/pub/testfile>
- All users should have the login shell as /bin/false, password not required.
- When this script is called with anyother argument, it should print the message as "Input File Not Found"
- When this script is run without any argument, it should display "Usage: /root/createusers"
- NOTE: If the users are added no need to delete.

* create a script under /rroot/program that provides the following details:

i) when run as /rroot/program Anderson it produces the output "James".

ii) when run as /rroot/program James ,it produces the output "Anderson".

iii) when run without argument or any other argument, other than Anderson or James it sends the following

output "/rroot/program Anderson James"

15 , write a script / root / program, required input parameters to the script when the kernel , the script returns user, user input parameters to the script , the script returns kernel. The script has no parameters or parameter error is the standard error output from the output "usage :/ root / program kernel | user"