**Quiz 3**

1. Write a script to delete blank lines in a file. Use cat and awk

Touch satish.sh

Cat satish.sh

Vim satish.sh

#!/bin/bash

#

1 2

3 4

5 6

Chmod 755 satish.sh

./satish.sh

Awk -F “ “ ‘{print f}’ satish.sh

1. Write a script to delete duplicate lines

Cat satish.sh

Vim satish.sh

#!/bin/bash

1 2

1 2

2 3

2 3

3 4

3 4

Uniq ./satish.sh

1. Write a shell script to delete a directory tree.

./script.sh <directory>

Cat satish.sh

Vim satish.sh

#!/bin/bash

#

#

Echo “tree directory”

Rm ./satish.sh/tree

1. Write a shell script to see if a process is running.

#!/bin/bash

#

Echo “ps”

Man ./satish.sh

Hint: Parse output of ps command

5. Write a shell script to display the following:

Hostname, disk space usage, free & used memory, uptime and logged in users.

#!/bin/bash

#

Echo “whoami”

Echo “df”

Echo “free”

Echo “uptime”

Chmod 755 satish.sh

./satish.sh

6. Write a shell script to display syntax of a given command

#!/bin/bash

#

Echo “man ls is $ ls”

man ./satish.sh

7. Write a shell to check if a command is in PATH directory list

8. Write a shell script to transfer a file using ftp and scp.

Read about how to use ftp and scp commands in scripts. Come up with your own example.

9. Write a shell script to delete files older than a week.

#!/bin/bash

#

Echo “satish.sh -name.7day.pdf”

Rm ./satish.sh

10. Write a shell script to implement -i version of cp command

#!/bin/bash

#

Echo “hi”

#

Cp -I satish.sh\Desktop

11. Write a shell script that Searches down the directory tree from current directory, change the group owner of files in a directory to another group.

You should also check if new group exists, else, error out.

./script.sh oldgroup newgroup

12. Write a shell script to list files in size order, smallest first.

Hint: ls and sort commands

#!/bin/bash

#

Buffalo

Raj

Satish

Prathap

Ls ./satish.sh

Sort ./satish.sh