

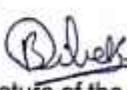


LONG LABORATORY

Name of the Student : Bibek behesa
 Class : CSE - A Semester : VI
 Course Code : ACS.DYI Course Name : Linux lab
 Name of the Course Faculty : B. Sandeep Kishore Faculty ID : 11149
 Exercise Number : 4, 5 Week Number : 4, 5 Date :

Roll Number						
2	3	9	5	1	A	0516

S. No.	Exercise Number	EXERCISE NAME	MARKS AWARDED					
			Aim/ Preparation	Algorithm / Procedure	Source Code	Program Execution	Viva - Voce	Total
			4	4	4	4	4	20
1	4.1	Hard & Symbolicins	u	2	2	u	u	3 19
2	4.2	Network Utilities						
3	4.3	Tape archive & zip						
4								
5	5.1	Displayng files.	u	2	2	4	u	u 20
6	5.2	Moung files						
7	5.3	Displayng lagged to users after a a type specified time.						
8								
9								
10								
11								
12								


Signature of the Student


Signature of the Faculty

5 → Exercise on shell programming - 1

5.1 → Displaying files

#!/bin/sh

echo "Enter directory name:"

read dir

if [-d "\$dir"]

then

cd "\$dir"

echo "Files with .txt and .c extensions:"

ls *.*txt *.*c > /dev/null

else

echo "Directory does not exist"

fi

Output:-

Enter directory name:

c files

fr.txt f2.txt add.c fbo.c

b) Display files with detailed information.

script : display-files-detailed.sh

#!/bin/sh

echo "Enter directory name:"

read dir

if [-d "\$dir"]

then

cd "\$dir"

echo "Detailed information of .txt and .c files:"

ls -1 *.*txt *.*c > /dev/null

else

echo "Directory does not exist"

fi

5.2 → Moving files.

(a) move all files from one directory to another

Script: moving files.

~~#!/bin/sh~~

echo "Enter the existing (source) directory: "

read d1

if [-d "\$d1"] && [-d "\$nd1"]

then

mv "\$d1"/* "\$nd1"

cd "\$nd1"

echo "files after moving"

is

else

echo "one or both directories do not exist"

fi

Output:

~~P1.txt P2.txt add c file mismatch~~

(b) Move only .c extension files.

Script: move-c-files.sh

~~#!/bin/sh~~

echo "Enter source directory"

read d1

echo "Enter source directory"

read d2

if [-d "\$d1"] && [-d "\$d2"]

then

mv "\$d1"/*.c "\$d2" 2>/dev/null

echo "c files moved successfully"

cd "\$d2"

is *.c

```
else
  echo "Directory does not exist"
fi
```

5.3 → Displaying logged-in users after a specified time

Script: users-after-time.sh

```
#!/bin/sh
```

```
echo "Enter time (HH:MM):"
```

```
read time1
```

```
who | while read user; do
```

```
  do
    if [ "$time" > "$time1" ]
```

```
    then
```

```
      echo "$user logged in at $time"
```

```
fi
```

Output:

```
Enter time (HH:MM):
```

```
10:00
```

```
user1 logged in at 10:30
```

```
user2 logged in at 11:15.
```