

LAB-9

```
1. echo "Enter the pathname"
read p
i=1
j=1
len='echo $p|wc -c'
while [ $i -le $len ]
do
x='echo $p|cut -d / -f $j'
namelength='echo $x|wc -c'
mkdir $x
cd $x
pwd
j='expr $j + 1'
i='expr $i + $namelength'
done
```

Output:- Enter the pathname
g/h
/home/bmscse/g
/home/bmscse/g/h.

```
2. if [ $# -eq 0 ]
then
echo "Enter arguments"
else
ls -l $1 > f1
x='cut -c 2-10 f1'
echo $x
ls -l $2 > f2
```

```

y='cut -c 2-10 $2'
echo $y
echo " "
if [ $x = $y ]
then
echo "Permissions of both files are same"
echo $x
else
echo "permissions are different"
echo $x
echo $y
fi
fi

```

Output:- Sh perm.sh fact.sh find.sh

rxwx rxwxr-x

rxwx rxwxr-x

Permissions of both files are same

rxwxrxwxr-x

3. #!/bin/sh

```

if [ $# -lt 1 ]

```

```

then

```

```

echo "min of val should be specified as argument"

```

```

else

```

```

echo "Enter the directory"

```

```

read dir

```

```

cd $dir

```

```

for val in $*

```

```

do

```



```
echo "`ls -l | cut -d ' ' -f $val`"
done
fi
```

Output:- Enter the directory.

```
dir1
bmscece
bmscece
15
12
Jan
Jan.
```

4. #!/bin/bash

```
if [ $# -ne 3 ]
```

```
then
```

```
echo "Not Enough Parameters"
```

```
else
```

```
lastline=`wc -l < $1`
```

```
if [ $2 -lt $lastline -a $3 -le $lastline ]
```

```
then
```

```
nline=`expr $3 - $2 + 1`
```

```
echo "`tail +$2 $1 | head -$nline`"
```

```
else
```

```
echo "Invalid range specified"
```

```
fi
```

```
fi
```

Output: sh ^{line} ~~perm~~ sh perm.sh 1 3

```
if [ $# -eq 0 ]
```

```
then
```

```
echo "Enter arguments"
```