

10/01/2023

## LAB-9

DATE

/ /

PAGE

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

O/P

Enter the pathname

a/b

/home/jmncece/IBM20CS067/a

/home/jmncece/IBM20CS067/a/b

2. if [ \$# -eq 0 ]

then

echo "Arguments are not entered sorry try again"

else

ls -l \$1 > f1

x='cut -c 2-10 f1'

echo \$x

ls -l \$2 > f2

y='cut -c 2-10 f2'



```

echo $y,
echo "y",
if [ $x = $y ]
then
echo "Permission of both files are same"
echo $x
else
echo "Permission are different"
echo $x
echo $y
fi
fi

```

```

sh per.sh dir.sh fact.sh
rm O/P

```

```

rwxrwxrwx-x

```

```

rwxrwxrwx-x

```

```

Permission of both files are same

```

```

rwxrwxrwx-x

```

3. #!/bin/bash

```

if [ $# -lt 1 ]
then
echo "Min of one column should be
specified as argument"
else
echo "Enter the directory"
read dir
cd $dir
for val in $(ls)
do

```



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

```
done
```

```
fi
```

```
sh ls.sh 3 5 6
```

```
Enter the directory
```

```
dir1
```

```
ls
```

```
ls
```

```
3
```

```
6
```

```
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 specification"
```

```
fi
```

```
fi
```

```
sh line.sh dir.sh 3 6
```

O/P

i=1

j=1

len='echo \$p|wc -c'

while [ \$i -le \$len ]

~~Due~~ 10/11/25