

OS LAB ASSIGNMENT 2

Name: Ketaki Mankar

Roll No: 63

PRN No: 0120190344

Batch: A3

Code:

```
choice=1
while [ $choice -ne 10 ]
do
echo " 1) present working Directory
2) list files
3) create directory
4) change ditrectory
5) remove file
6) remove directory
7) rename file
8) creating file
9) display contents of file
10) exit "
echo "Enter Your choice : "
read choice
case $choice in
1) echo "Displaying present working directory "
    pwd;;
2) echo "Enlisting files in the present directory "
    ls;;
3) echo "Name the directory to create : "
    read newname
    mkdir $newname;;
4) echo "Name the directory to move in : "
    read dirName
```

```

        cd $dirName pwd

        ;;

5) echo "Name the file to Remove : " read

    fname

    rm $fname;;

6) echo "Name the directory to be removed : " read

    dirName

    rmdir $dirName;;

7) echo "Name the File name to be change : " read

    ofName

    echo "Enter the Filename : " read

    nfName

    mv $ofName $nfName;;

8) echo "Name the file to Enter : " read

    fName

    touch $fName;;

9) echo "Name the file to be displayed : " read

    fName

    cat $fName;;

10) echo "End of Program"

    ;;

*) echo "Invalid data retry "

    ;;

esac done

```

OUTPUT:

- 1) present working Directory
- 2)list files
- 3)create directory
- 4)change ditrectory
- 5)remove file
- 6)remove directory

- 7)rename file
- 8)creating file
- 9)display contents of file
- 10)exit

Enter Your choice :

1

Displaying present working directory

/home/user/TY

1) present working Directory

- 2)list files
- 3)create directory
- 4)change ditrectory
- 5)remove file
- 6)remove directory
- 7)rename file
- 8)creating file
- 9)display contents of file
- 10)exit

Enter Your choice :

2

Enlisting files in the present directory

Directory.sh arithmetic.sh fibo.sh s1.sh s2.sh while.sh

1) present working Directory

- 2)list files
- 3)create directory
- 4)change ditrectory
- 5)remove file
- 6)remove directory
- 7)rename file
- 8)creating file
- 9)display contents of file
- 10)exit

Enter Your choice :

3

Name the directory to create :

ket12

1) present working Directory

2)list files

3)create directory

4)change ditrectory

5)remove file

6)remove directory

7)rename file

8)creating file

9)display contents of file

10)exit

Enter Your choice :

2

Enlisting files in the present directory

Directory.sh arithmetic.sh fibo.sh ket12 s1.sh s2.sh while.sh

1) present working Directory

2)list files

3)create directory

4)change ditrectory

5)remove file

6)remove directory

7)rename file

8)creating file

9)display contents of file

10)exit

Enter Your choice :

5

Name the file to Remove :

trial.term

1) present working Directory

2)list files

3)create directory

4)change ditrectory

- 5)remove file
- 6)remove directory
- 7)rename file
- 8)creating file
- 9)display contents of file
- 10)exit

Enter Your choice :

2

Enlisting files in the present directory

Directory.sh arithmetic.sh fibo.sh ket12 s1.sh s2.sh while.sh

1) present working Directory

- 2)list files
- 3)create directory
- 4)change ditrectory
- 5)remove file
- 6)remove directory
- 7)rename file
- 8)creating file
- 9)display contents of file
- 10)exit

Enter Your choice :

6

Name the directory to be removed :

ket12

1) present working Directory

- 2)list files
- 3)create directory
- 4)change ditrectory
- 5)remove file
- 6)remove directory
- 7)rename file
- 8)creating file
- 9)display contents of file
- 10)exit

Enter Your choice :

7

Name the File name to be change :

while.sh

Enter the Filename :

WhileLoop.sh

1) present working Directory

2)list files

3)create directory

4)change ditrectory

5)remove file

6)remove directory

7)rename file

8)creating file

9)display contents of file

10)exit

Enter Your choice :

2

Enlisting files in the present directory

Directory.sh WhileLoop.sh arithmetic.sh fibo.sh s1.sh s2.sh

1) present working Directory

2)list files

3)create directory

4)change ditrectory

5)remove file

6)remove directory

7)rename file

8)creating file

9)display contents of file

10)exit

Enter Your choice :

8

Name the file to Enter :

sample.term

1) present working Directory

2)list files

3)create directory

4)change ditrectory

5)remove file

6)remove directory

7)rename file

8)creating file

9)display contents of file

10)exit

Enter Your choice :

2

Enlisting files in the present directory

Directory.sh arithmetic.sh s1.sh sample.term

WhileLoop.sh fibo.sh s2.sh

1) present working Directory

2)list files

3)create directory

4)change ditrectory

5)remove file

6)remove directory

7)rename file

8)creating file

9)display contents of file

10)exit

Enter Your choice :

9

Name the file to be displayed :

s1.sh

Ketaki

have

a nice day

1) present working Directory

2)list files

- 3)create directory
- 4)change ditrectory
- 5)remove file
- 6)remove directory
- 7)rename file
- 8)creating file
- 9)display contents of file
- 10)exit

Enter Your choice :

4

Name the directory to move in :

terminal

/home/user/TY/terminal

1) present working Directory

- 2)list files
- 3)create directory
- 4)change ditrectory
- 5)remove file
- 6)remove directory
- 7)rename file
- 8)creating file
- 9)display contents of file
- 10)exit

Enter Your choice :

11

Invalid data retry


```
~/TY$ vi Directory.sh
~/TY$ chmod +x Directory.sh
~/TY$ ./Directory.sh
1) present working Directory
  2)list files
  3)create directory
  4)change ditrectory
  5)remove file
  6)remove directory
  7)rename file
  8)creating file
  9)display contents of file
  10)exit
```

Enter Your choice :

1

Displaying present working directory
/home/user/TY

```
1) present working Directory
  2)list files
  3)create directory
  4)change ditrectory
  5)remove file
  6)remove directory
  7)rename file
  8)creating file
```

Enter Your choice :

2

Enlisting files in the present directory
Directory.sh arithmetic.sh fibo.sh s1.sh s2.sh while.sh

```
1) present working Directory
  2)list files
  3)create directory
  4)change ditrectory
  5)remove file
  6)remove directory
  7)rename file
  8)creating file
  9)display contents of file
  10)exit
```

Enter Your choice :

3

Name the directory to create :
ket12

```
1) present working Directory
  2)list files
  3)create directory
  4)change ditrectory
  5)remove file
  6)remove directory
  7)rename file
  8)creating file
  9)display contents of file
  10)exit
```

Enter Your choice :

2

Enlisting files in the present directory
Directory.sh fibo.sh s1.sh trial.term
arithmetic.sh ket12 s2.sh while.sh

- 1) present working Directory
- 2)list files
- 3)create directory
- 4)change ditrectory
- 5)remove file
- 6)remove directory
- 7)rename file
- 8)creating file
- 9)display contents of file
- 10)exit

Enter Your choice :

5

Name the file to Remove :

trial.term

- 1) present working Directory
- 2)list files
- 3)create directory
- 4)change ditrectory
- 5)remove file
- 6)remove directory
- 7)rename file
- 8)creating file
- 9)display contents of file
- 10)exit

Enter Your choice :

2

Enlisting files in the present directory

Directory.sh arithmetic.sh fibo.sh ket12 s1.sh s2.sh while.sh

- 1) present working Directory
- 2)list files
- 3)create directory
- 4)change ditrectory
- 5)remove file
- 6)remove directory
- 7)rename file
- 8)creating file
- 9)display contents of file
- 10)exit

Enter Your choice :

6

Name the directory to be removed :

ket12

- 1) present working Directory
- 2)list files
- 3)create directory
- 4)change ditrectory
- 5)remove file
- 6)remove directory
- 7)rename file
- 8)creating file
- 9)display contents of file
- 10)exit

Enter Your choice :

7

Name the File name to be change :

while.sh

Enter the Filename :

WhileLoop.sh

- 1) present working Directory
- 2)list files
- 3)create directory
- 4)change ditrectory
- 5)remove file
- 6)remove directory
- 7)rename file
- 8)creating file
- 9)display contents of file
- 10)exit

Enter Your choice :

2

Enlisting files in the present directory

Directory.sh WhileLoop.sh arithmetic.sh fibo.sh s1.sh s2.sh

- 1) present working Directory
- 2)list files
- 3)create directory
- 4)change ditrectory
- 5)remove file
- 6)remove directory
- 7)rename file
- 8)creating file
- 9)display contents of file
- 10)exit

Enter Your choice :

8

Name the file to Enter :

sample.term

```
1) present working Directory
  2)list files
  3)create directory
  4)change ditrectory
  5)remove file
  6)remove directory
  7)rename file
  8)creating file
  9)display contents of file
  10)exit
```

Enter Your choice :

2

Enlisting files in the present directory
Directory.sh arithmetic.sh s1.sh sample.term
WhileLoop.sh fibo.sh s2.sh

```
1) present working Directory
  2)list files
  3)create directory
  4)change ditrectory
  5)remove file
  6)remove directory
  7)rename file
  8)creating file
  9)display contents of file
  10)exit
```

Enter Your choice :

9

Name the file to be displayed :

s1.sh

Ketaki

have

a nice day

```
1) present working Directory
  2)list files
  3)create directory
  4)change ditrectory
  5)remove file
  6)remove directory
  7)rename file
  8)creating file
  9)display contents of file
  10)exit
```

Enter Your choice :

4

Name the directory to move in :

terminal

/home/user/TY/terminal

```
1) present working Directory
  2)list files
  3)create directory
  4)change ditrectory
  5)remove file
  6)remove directory
  7)rename file
  8)creating file
  9)display contents of file
  10)exit
```

Enter Your choice :

11

Invalid data retry

