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Sem:- 2

Sub: - BOSS

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Prac:- 13

Practical 13

1. Write a script to make following file and directory management operations menu based:

1. Display current directory
2. List directory
3. Make directory
4. Change directory
5. Copy a file
6. Rename a file
7. Delete a file
8. Edit a file

Image:-

```
#!/bin/bash

Display_current(){
    echo "Display current directory: $(pwd)"
}

List_directory(){
    echo "List directories: $(ls)"
}

Make_directory(){
    read -p "Enter the name of the directory: " DIRNAME
    mkdir "$DIRNAME"
    echo "Directory created with name $DIRNAME"
}

Change_directory(){
    read -p "Enter the directory name with its full path: " DIRNAME
    cd "$DIRNAME" || echo "Directory not found."
}

Copy_file(){
    read -p "Enter the name of the file: " FILENAME
    read -p "Enter the name of the directory and path: " DIRNAME
    cp "$FILENAME" "$DIRNAME"
    echo "File copied successfully."
}

Rename_file(){
    read -p "Enter the present name of the file: " FILENAME
    read -p "Enter the new name of the file: " NFILENAME
    mv "$FILENAME" "$NFILENAME"
}
```

```

Delete_file(){
    read -p "Enter the name of the file: " FILENAME
    rm "$FILENAME"
    echo "File deleted successfully."
}

Edit_file(){
    read -p "Enter the name of the file: " FILENAME
    vi "$FILENAME" # Use vi or another text editor of your choice
    echo "File edited successfully."
}

while true
do
    choice=""
    echo -e "\n"
    echo "1. Display current directory"
    echo "2. List directory"
    echo "3. Make directory"
    echo "4. Change directory"
    echo "5. Copy a file"
    echo "6. Rename a file"
    echo "7. Delete a file"
    echo "8. Edit a file"
    echo "0. Exit"
    echo -e "\n\n"
    echo "Enter your choice below:"
    read choice

    case "$choice" in
        1) Display_current;;
        2) List_directory;;
        3) Make_directory;;
        4) Change_directory;;
        5) Copy_file;;
        6) Rename_file;;
        7) Delete_file;;
        8) Edit_file;;
        0) echo "Exiting file"; break;;
    esac
done

```

Output:-

```
[ddesai@localhost ~]$ ./Prac13.sh
```

1. Display current directory
2. List directory
3. Make directory
4. Change directory
5. Copy a file
6. Rename a file
7. Delete a file
8. Edit a file
0. Exit

Enter your choice below:

1

Display current directory: /home/ddesai

1. Display current directory
2. List directory
3. Make directory
4. Change directory
5. Copy a file
6. Rename a file
7. Delete a file
8. Edit a file
0. Exit

Enter your choice below:

2

List directories: add.sh

a.txt

batch24.txt

batch266.txt

b.csv

ch7

Desktop

detialHardlink

Documents

Downloads

glob

learnsh2.txt

learnsh.sh

Music

Pictures

prac13.sh

Prac13.sh

Public

realHardlink

Templates

testworld.txt

Videos

zcat