**Ganpat University**

**(2CSE204) Basics of Operating System and Shell Scripting**

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**Sem - 2**

**Branch: CS**

**Class: B**

**Batch: 25**

**Practical-13**

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

Display current directory

List directory

Make directory

Change directory

Copy a file

Rename a file

Delete a file

Edit a file

**┌──(jaimin㉿kali)-[~/BOSS]**

**└─$ cat practical\_13.sh**

display\_current\_directory() {

    echo "Current Directory: $(pwd)"

}

list\_directory() {

    echo "Contents of Directory:"

    ls

}

make\_directory() {

    read -p "Enter directory name: " dir\_name

    mkdir "$dir\_name"

    echo "Directory created: $dir\_name"

}

change\_directory() {

    read -p "Enter directory name: " dir\_name

    cd "$dir\_name"

    echo "Changed directory to: $(pwd)"

}

copy\_file() {

    read -p "Enter source file path: " source\_file

    read -p "Enter destination file path: " destination\_file

    cp "$source\_file" "$destination\_file"

    echo "File copied successfully"

}

rename\_file() {

    read -p "Enter current file name: " old\_name

    read -p "Enter new file name: " new\_name

    mv "$old\_name" "$new\_name"

    echo "File renamed successfully"

}

delete\_file() {

    read -p "Enter file name: " file\_name

    rm "$file\_name"

    echo "File deleted successfully"

}

edit\_file() {

    read -p "Enter file name: " file\_name

    vi "$file\_name"

}

while true; do

    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 "9. Exit"

    read -p "Enter your choice: " choice

    case $choice in

        1) display\_current\_directory ;;

        2) list\_directory ;;

        3) make\_directory ;;

        4) change\_directory ;;

        5) copy\_file ;;

        6) rename\_file ;;

        7) delete\_file ;;

        8) edit\_file ;;

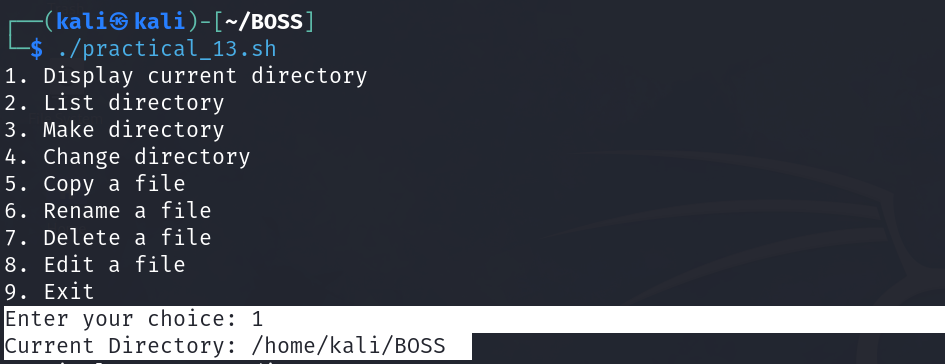
        9) break ;;

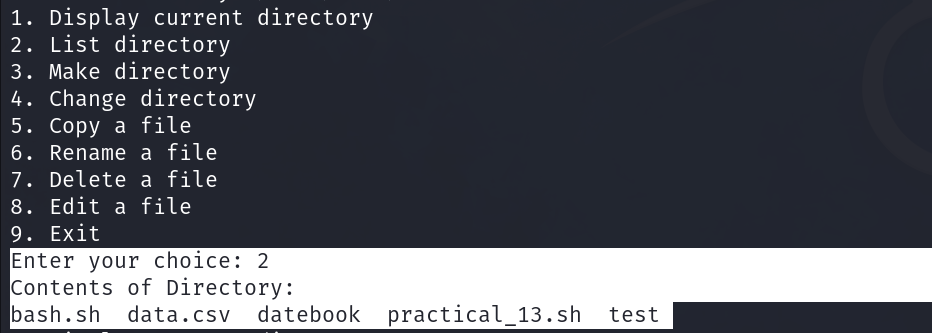
        \*) echo "Invalid choice. Please enter a valid option." ;;

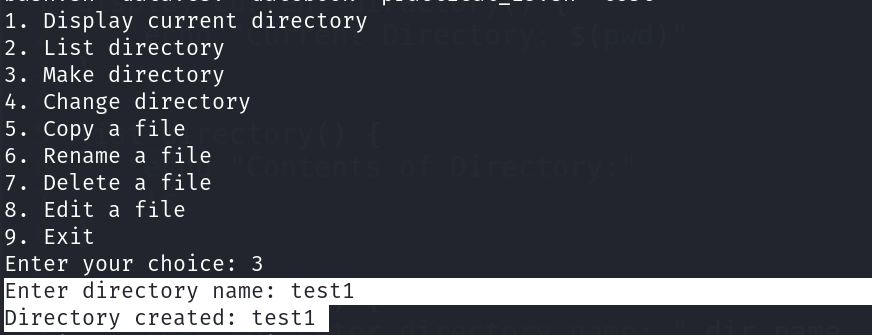
    esac

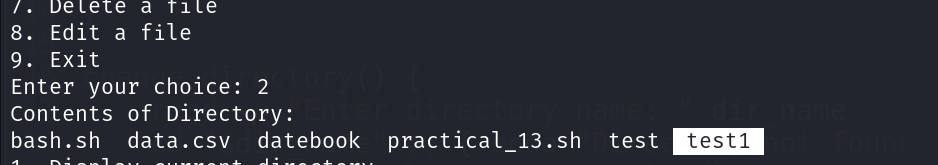
done

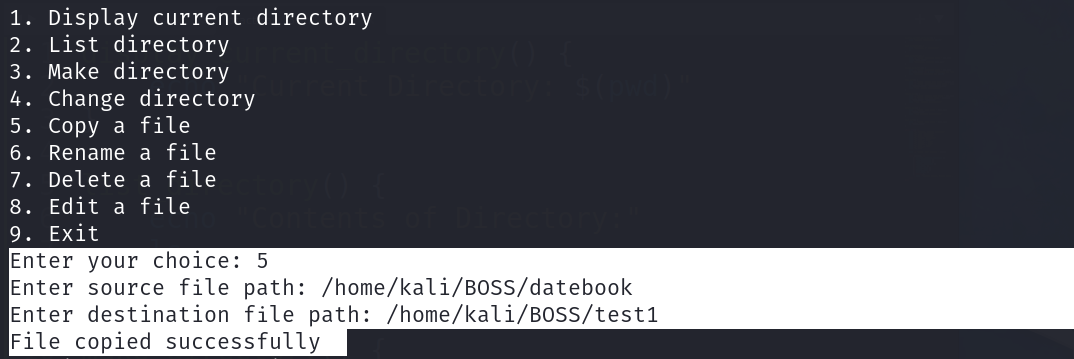
**Output –**

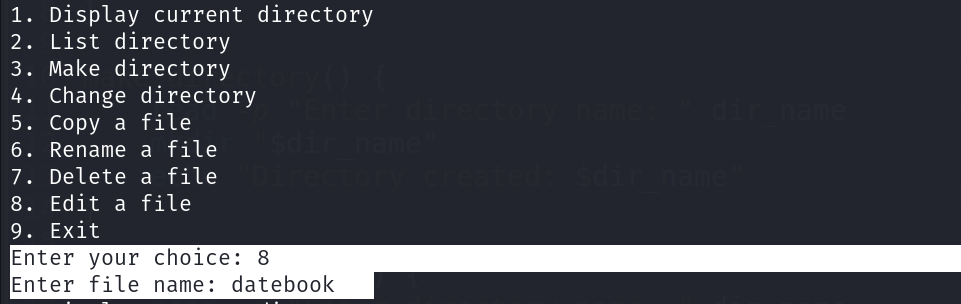
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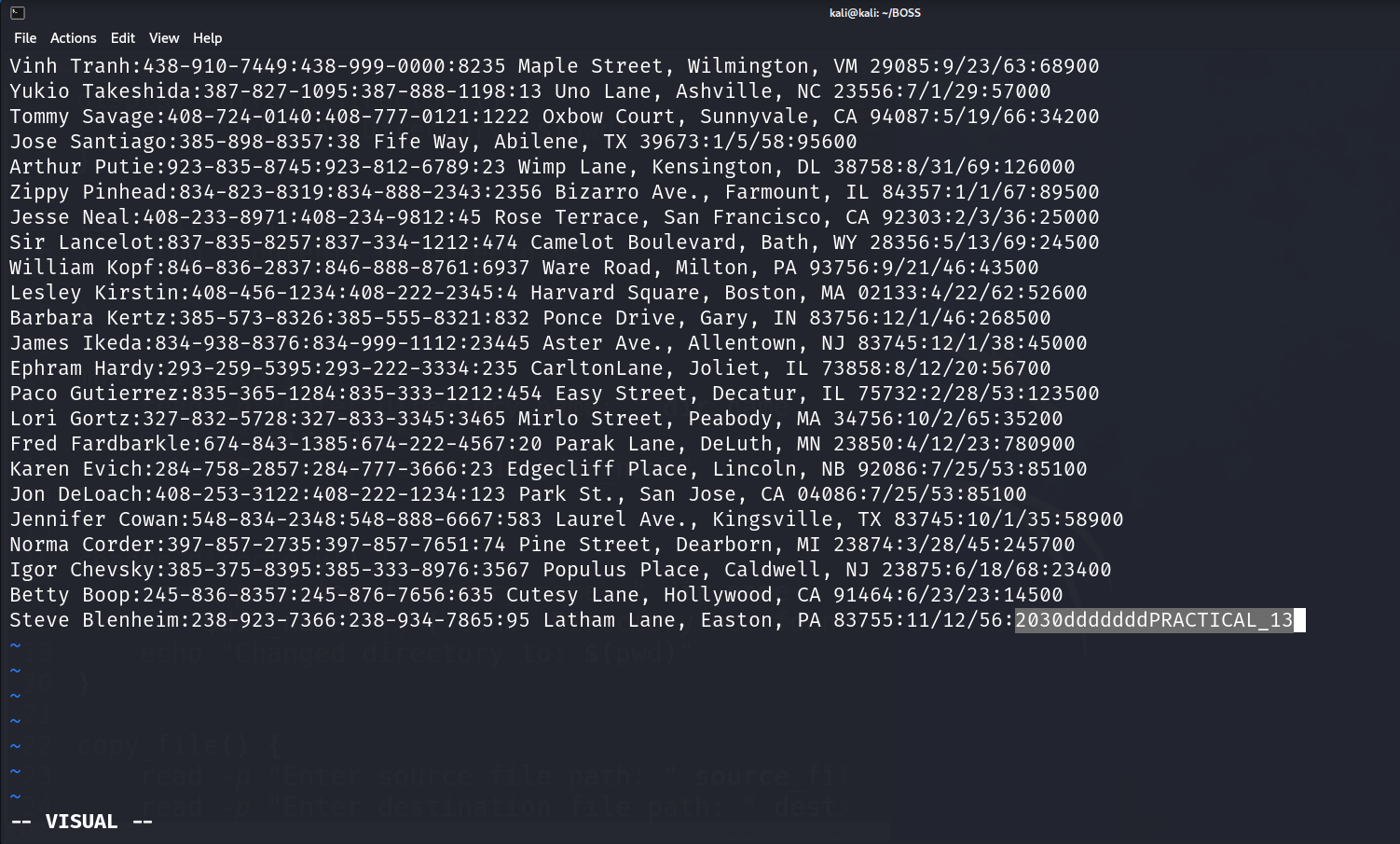
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