

Unix Lab
Experiment no. 9: shell script

To perform programs based on SHELL SCRIPT on FILE OPERATORS.

- 1) Check whether user entered string is a 'directory' or a 'file'.
- 2) To copy content of 1 file to another.
- 3) Write a program using pipeline and filter to sort file "Fruits".
- 4) Shell script to display current user logged In to System.

Shell script:

```
source=$1
```

```
if [ -d "${source}" ] ; then
    echo "$source is a directory";
else
    if [ -f "${source}" ]; then
        echo "${source} is a file";
        read -p "enter destination name: " dest
        cp $source ${dest}
        echo "file copied, content of copied file:"
        cat ${dest}
        echo ""
    else
        echo "${source} is not valid";
    fi
fi
```

```
echo "echo fruits name {mango, apple, pineapple, banana} to fruits.text
file and then to reverse sort command"
echo -e "mango\napple\npineapple\nbanana" > fruits.text
cat fruits.text | sort -r
```

```
echo -e "\nwho is currently logged in:"
whoami
```

```
erKashif-Pc+erKashifK@erKashif-Pc ~
$ cat sample.text
this is sample file
```

```
erKashif-Pc+erKashifK@erKashif-Pc ~
$ sh prg3.sh sample.text
sample.text is a file
enter destination name: new.text
file copied, content of copied file:
this is sample file
```

```
echo fruits name {mango, apple, pineapple, banana} to fruits.text file and
then to reverse sort command
pineapple
mango
banana
apple
```

```
who is currently logged in:
erKashif-Pc+erKashifK
```