



Name: Swekit Patel

Roll No: 22BCE347

Batch: F1

Subject: Operating System (OS)

Subject Code: 2CS506

Practical 6

```

if [ $# -ne 2 ]
then
    echo "Enter sh file.sh file1 file1"
else
    if [ ! -f $1 ] && [ ! -f $2 ]
    then
        echo "Enter Valid File Name!!"
    else
        cmp -s $1 $2
        if [ $? -ne 0 ]
        then
            rows1=`wc -l $1 | cut -c 1 -`
            rows2=`wc -l $2 | cut -c 1 -`
            i=1
            toggle=0
            while [ $i -le $rows1 ] && [ $i -le $rows2 ]
            do
                str1=`head -${i} $1 | tail -1 -`
                str2=`head -${i} $2 | tail -1 -`
                if [ $str1 != $str2 ]
                then
                    echo "The files are different at line ${i}"
                    toggle=1
                    break
                fi
                i=`expr $i + 1`
            done
            if [ $toggle -eq 0 ]
            then
                if [ $rows1 -lt $rows2 ]
                then
                    echo "The files are the almost same but File $2 is bigger than File $1"
                else
                    echo "The files are the almost same but File $1 is bigger than File $2"
                fi
            fi
            echo "The files are exactly same."
        fi
    fi
fi

```

Output:

```
The files are the almost same but File f3 is bigger than File f2
```