1BM18CS100 29/9/2020

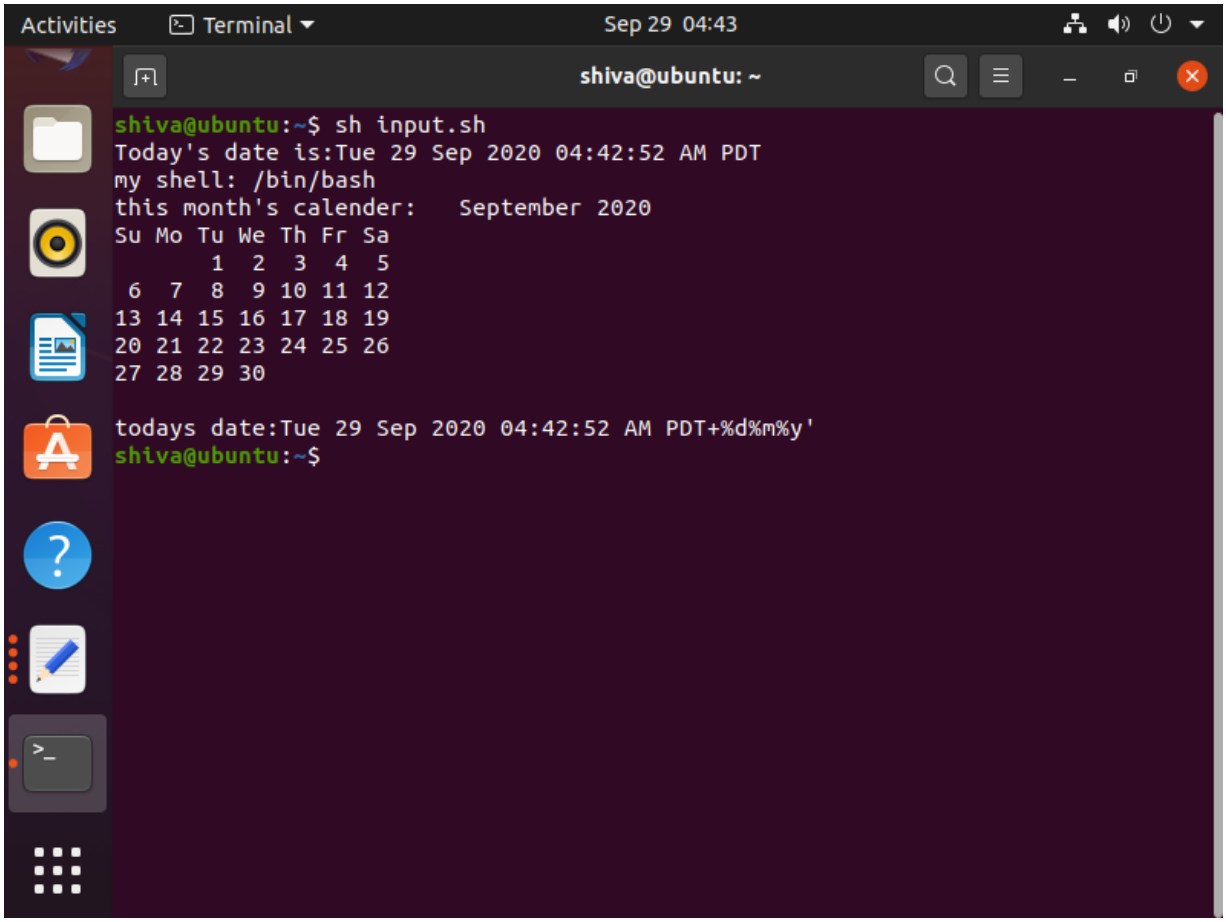
LAB1

1a) Date and calendar:

CODE:

```
#! /bin/sh
echo "Today's date is:`date`"
echo "my shell: $SHELL"
echo "this month's calender:`cal`"
echo "todays date:`date`"+%d%m%y"""
```

OUTPUT:

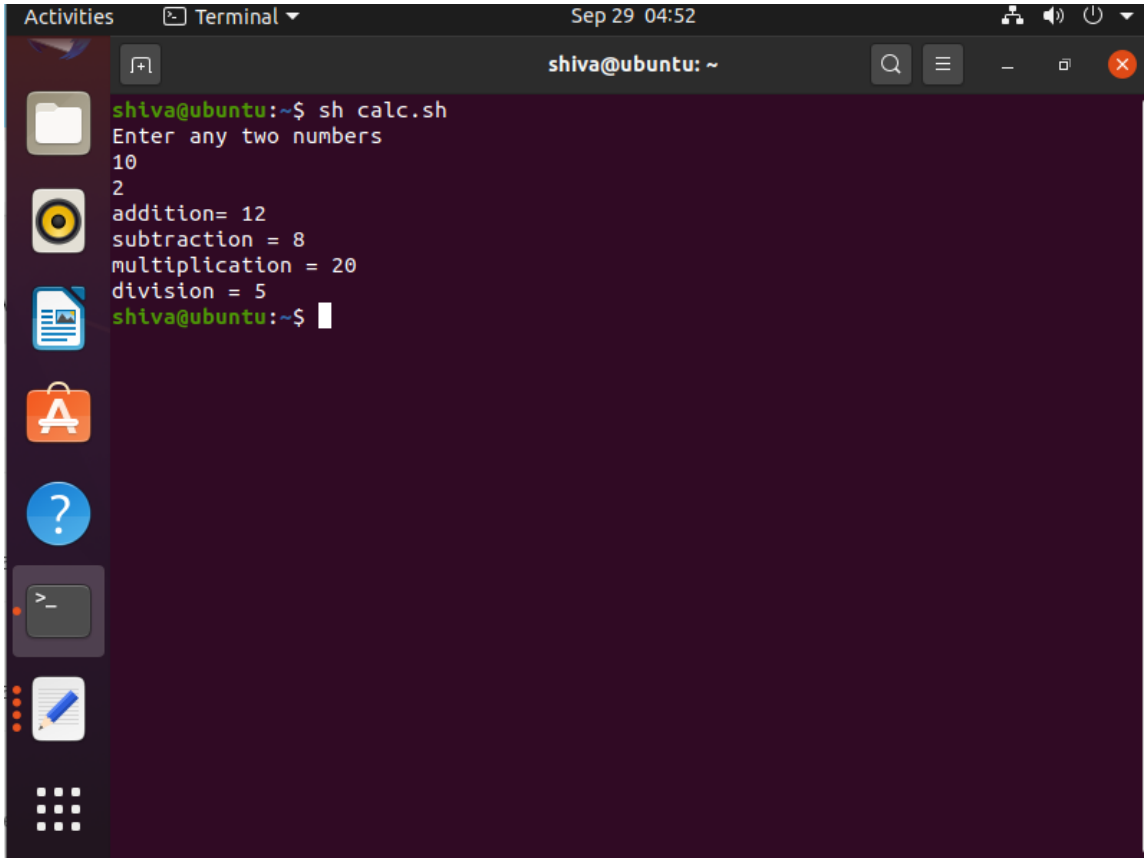


1b) Simple calculator:

CODE:

```
#! /bin/sh

echo "Enter any two numbers"

read a

read b

ad1=`expr $a + $b`

sb1=`expr $a - $b`

p1=`expr $a \* $b`

d1=`expr $a / $b`

echo "addition= $ad1"

echo "subtraction = $sb1"

echo "multiplication = $p1"

echo "division = $d1"
```

OUTPUT:

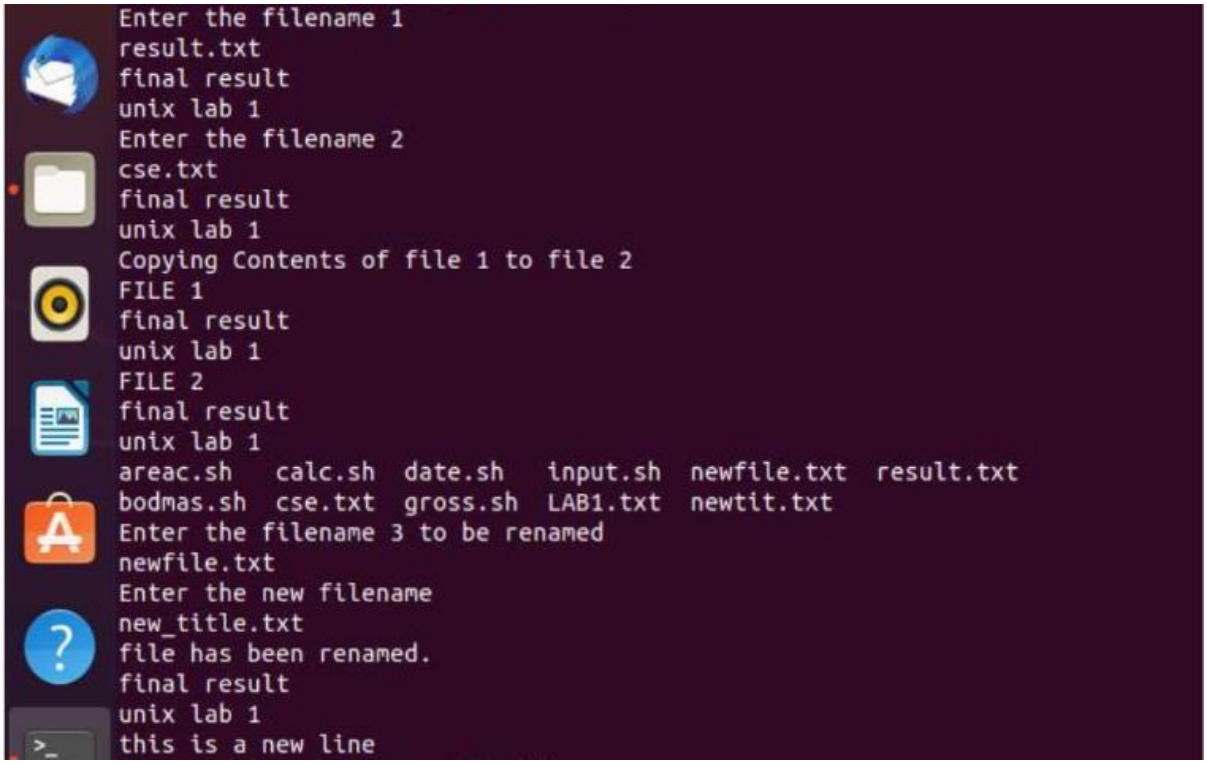


1C) File functions:

CODE:

```
#! /bin/sh
echo "Enter the filename 1"
read fname1
cat $fname1
echo "Enter the filename 2"
read fname2
cat $fname2
echo "Copying Contents of file 1 to file 2"
cp $fname1 $fname2
echo "FILE 1"
cat $fname1
echo "FILE 2"
cat $fname2
ls
echo "Enter the filename 3 to be renamed"
read fname3
echo "Enter the new filename"
read fname4
mv $fname3 $fname4
cat $fname4
echo "this is a new line">>$fname1
cat $fname1
```

OUTPUT:

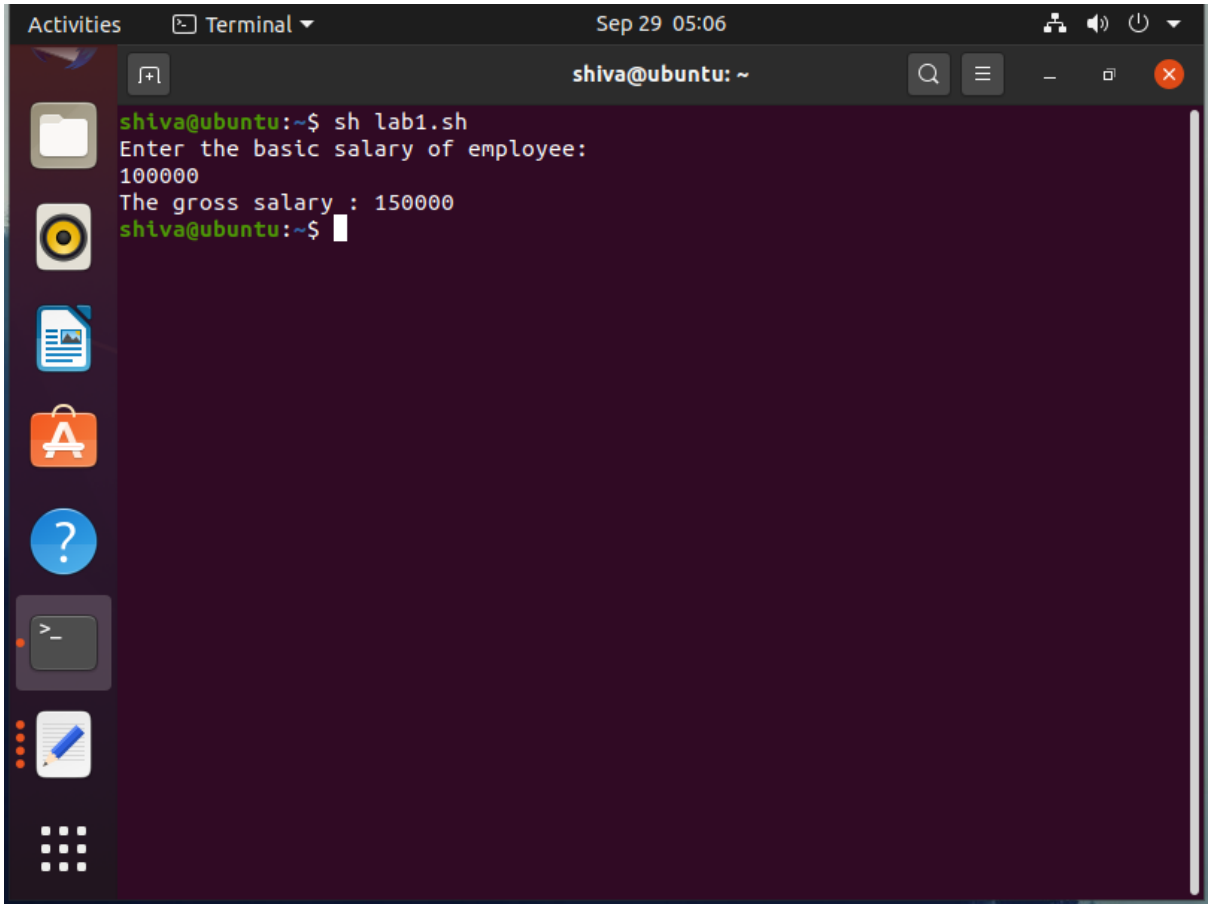


1D) Gross salary calculation:

CODE:

```
#! /bin/sh
echo "Enter the basic salary of employee:"
read sal
gross=$((sal+((sal/100)*20)+((sal/100)*30)))
echo "The gross salary : $gross"
```

OUTPUT:


Activities
Terminal
Sep 29 05:06
shiva@ubuntu: ~
shiva@ubuntu:~$ sh lab1.sh
Enter the basic salary of employee:
100000
The gross salary : 150000
shiva@ubuntu:~$