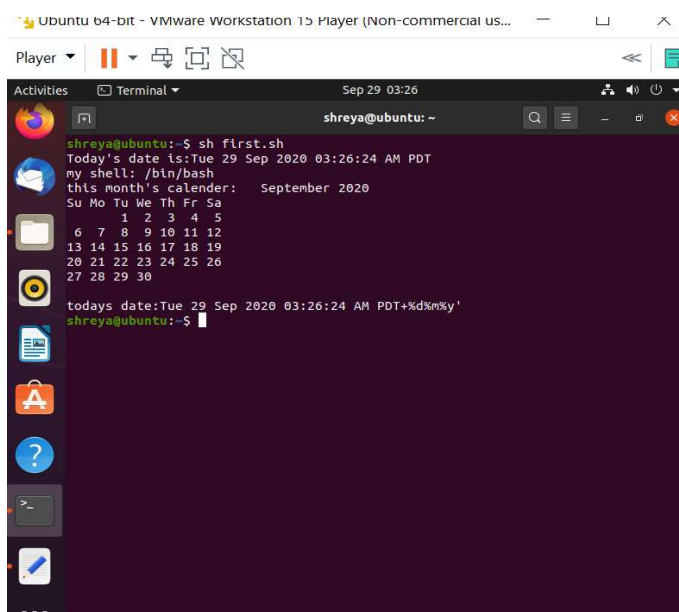


## LAB 1 PROGRAMS

### 1] DATE

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

### OUTPUT



```
shreya@ubuntu:~$ sh first.sh
Today's date is:Tue 29 Sep 2020 03:26:24 AM PDT
my shell: /bin/bash
this month's calender:  September 2020
Su Mo Tu We Th Fr Sa
 1  2  3  4  5
 6  7  8  9 10 11 12
13 14 15 16 17 18 19
20 21 22 23 24 25 26
27 28 29 30

todays date:Tue 29 Sep 2020 03:26:24 AM PDT+`date`"+%d%m%y'
shreya@ubuntu:~$
```

---

### 2] FILE INPUT:

- >read 2 file names
- >copy contents of one file to another
- >rename another file
- >perform append operation

```
#!/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

```

```

shreya@ubuntu: ~/Desktop/lab1
shreya@ubuntu:~/Desktop/lab1$ sh input.sh
Enter the filename 1
result.txt
final result
unix lab 1
Enter the filename 2
cse.txt
final result
unix lab 1
Copying Contents of file 1 to file 2
FILE 1
final result
unix lab 1
FILE 2
final result
unix lab 1
areac.sh  calc.sh  date.sh  input.sh  newfile.txt  result.txt
bodnas.sh  cse.txt  gross.sh  LAB1.txt  newtit.txt
Enter the filename 3 to be renamed
newfile.txt
Enter the new filename
new_title.txt
file has been renamed.
final result
unix lab 1
this is a new line
shreya@ubuntu:~/Desktop/lab1$ ls
areac.sh  calc.sh  date.sh  input.sh  new_title.txt  result.txt
bodnas.sh  cse.txt  gross.sh  LAB1.txt  newtit.txt
shreya@ubuntu:~/Desktop/lab1$

```

### 3]BODMAS:

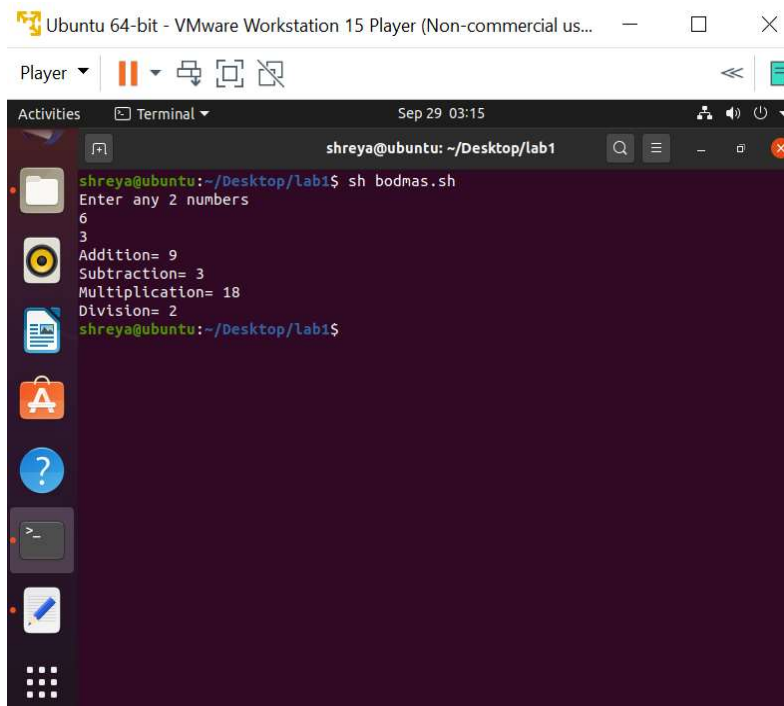
```

#!/bin/sh
echo "Enter any 2 numbers"
read a
read b
ad1=`expr $a + $b `
sb1=`expr $a - $b `
m1=`expr $a \* $b `
d1=`expr $a / $b `
echo "Addition= $ad1"

```

```
echo "Subtraction= $sb1"
echo "Multiplication= $m1"
echo "Division= $d1"
```

#### OUTPUT:



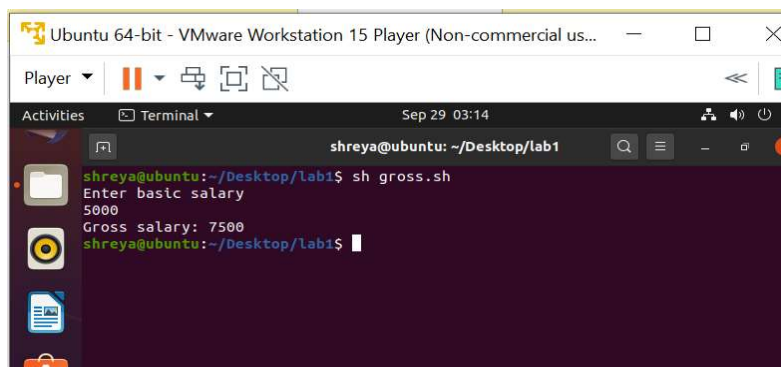
```
shreya@ubuntu: ~/Desktop/lab1
shreya@ubuntu:~/Desktop/lab1$ sh bodmas.sh
Enter any 2 numbers
6
3
Addition= 9
Subtraction= 3
Multiplication= 18
Division= 2
shreya@ubuntu:~/Desktop/lab1$
```

---

#### 4]GROSS SALARY:[LAB PROGRAM]

```
#!/bin/sh
echo "Enter basic salary"
read sal
da=`expr $sal \* 30 / 100`
hra=`expr $sal \* 20 / 100`
gross=`expr $sal + $da + $hra`
echo "Gross salary: $gross"
```

#### OUTPUT



```
shreya@ubuntu: ~/Desktop/lab1
shreya@ubuntu:~/Desktop/lab1$ sh gross.sh
Enter basic salary
5000
Gross salary: 7500
shreya@ubuntu:~/Desktop/lab1$
```