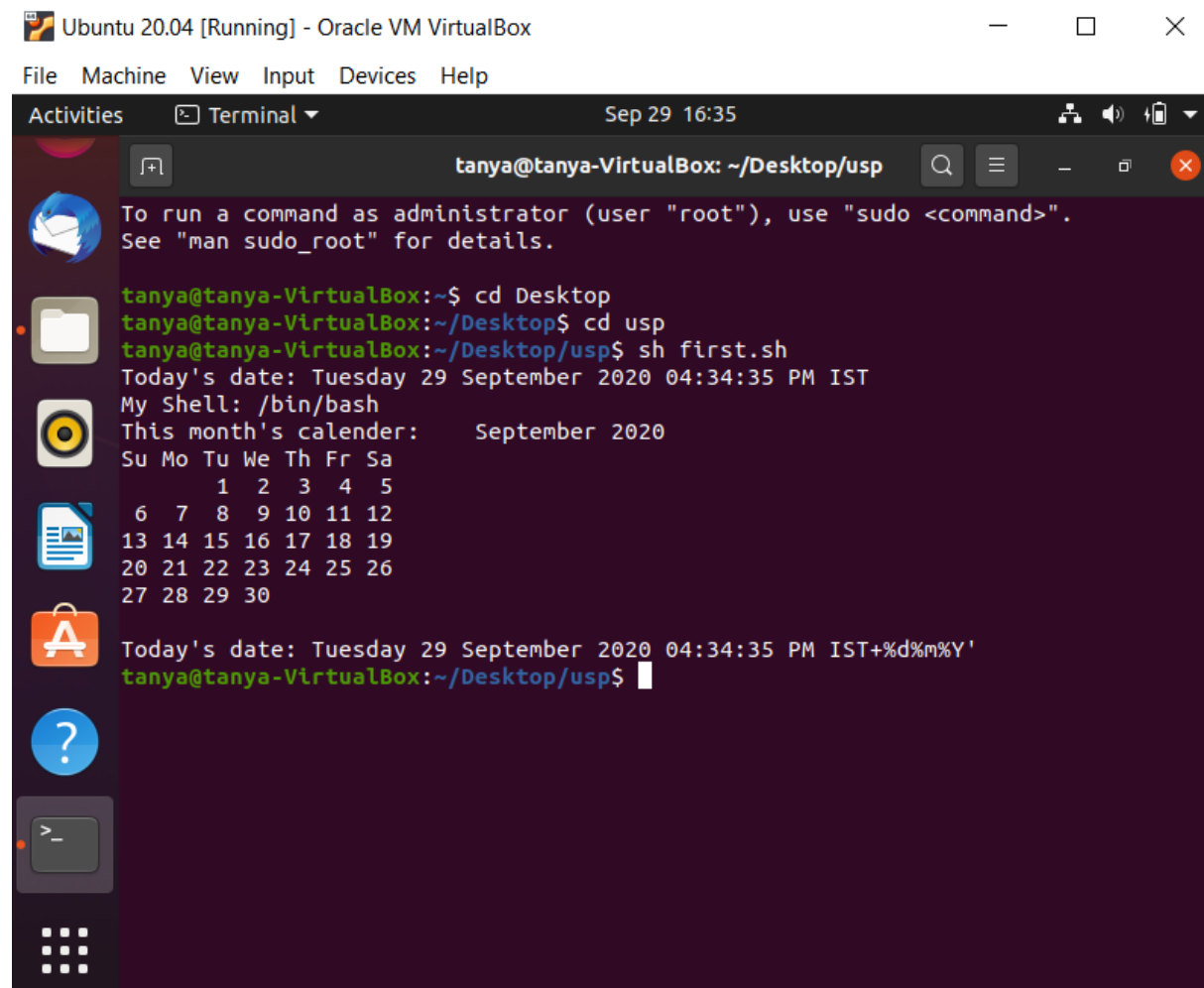


Tanya Mishra

1BM18CS117

DATE

```
#!/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""
```



Ubuntu 20.04 [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

Activities Terminal Sep 29 16:35

tanya@tanya-VirtualBox: ~/Desktop/usp

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

```
tanya@tanya-VirtualBox:~$ cd Desktop
tanya@tanya-VirtualBox:~/Desktop$ cd usp
tanya@tanya-VirtualBox:~/Desktop/usp$ sh first.sh
Today's date: Tuesday 29 September 2020 04:34:35 PM IST
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

Today's date: Tuesday 29 September 2020 04:34:35 PM IST+%d%m%Y'
tanya@tanya-VirtualBox:~/Desktop/usp$
```

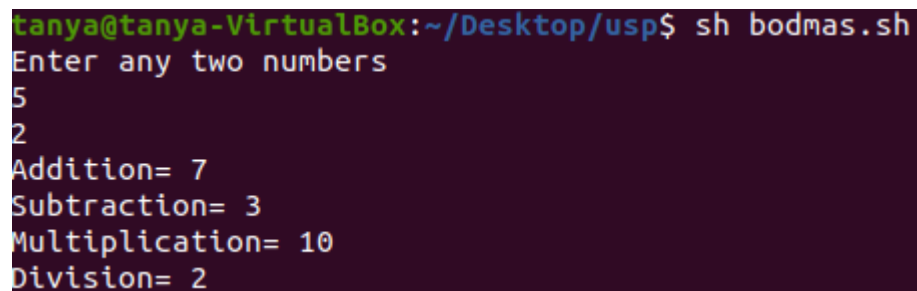
FILE INPUT

```
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
```

```
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
bodmas.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
```

BODMAS

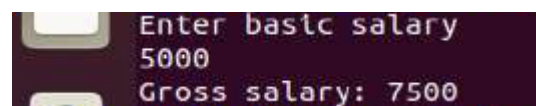
```
#!/bin/sh
echo "Enter any 2 numbers"
read a
read b
ad1=`expr $a + $b`
sb1=`expr $a - $b`
m1=`expr $a \* $b`
d1=`expr $a / $b`
echo "Addition= $ad1"
echo "Subtraction= $sb1"
echo "Multiplication= $m1"
echo "Division= $d1"
```



A terminal window with a dark purple background. The prompt is 'tanya@tanya-VirtualBox:~/Desktop/usp\$'. The user has run 'sh bodmas.sh'. The script prompts 'Enter any two numbers'. The user enters '5' and '2'. The script outputs: 'Addition= 7', 'Subtraction= 3', 'Multiplication= 10', and 'Division= 2'.

GROSS SALARY

```
#!/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"
```



A terminal window with a dark purple background. The prompt is 'Enter basic salary'. The user enters '5000'. The script outputs 'Gross salary: 7500'.