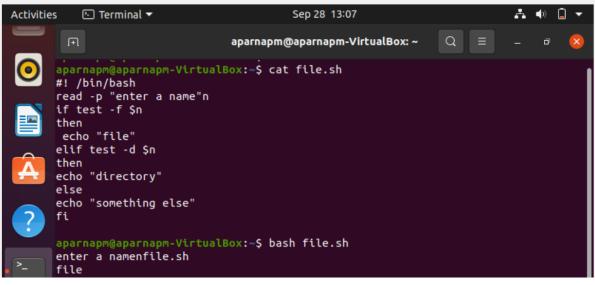
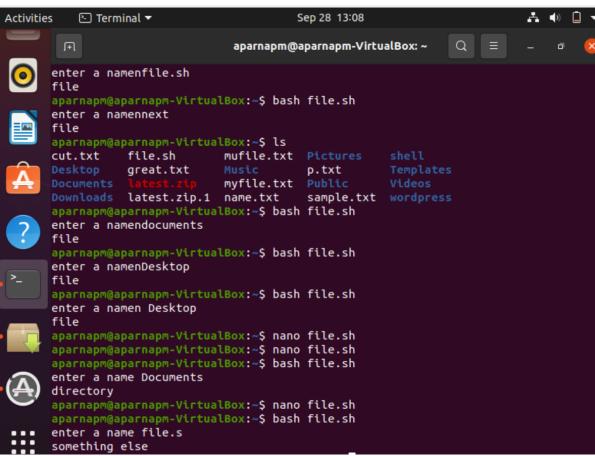
## **EXERCISE 5**





```
option turned on. This will cause the Virtual Machine to automatically capture the keyboard every time the VM window is activated and make it unavailable to other applications running on your host machine: when the keyboard is
                                   aparnapm@aparnapm-VirtualBox: ~/Desktop
                                                                          Q ≡
                aparnapm@aparnapm-VirtualBox:~/Desktop$ vim file2.sh
                aparnapm@aparnapm-VirtualBox:~/Desktop$ bash file2.sh
                enter the salary1800
                gross salary :4100
                aparnapm@aparnapm-VirtualBox:~/Desktop$ bash file2.sh
                enter the salary2000
               gross salary :4500
         2^3 is 8
         aparnapm@aparnapm-VirtualBox:~/Desktop$ cat file2.sh
         #! /bin/bash
         read -p "enter the salary" b if [ $b -lt 1500 ]
         then
                 echo "gross salary :$(($b+($b*10/100)+($b*90/100)))"
         else
                 echo "gross salary :$(($b+500+($b+98/100)))"
         fi
aparnapm@aparnapm-VirtualBox:~/Desktop$ vim file3.sh
aparnapm@aparnapm-VirtualBox:~/Desktop$ bash file3.sh
enter the first number:2
enter the second number:3
2^3 is 8
aparnapm@aparnapm-VirtualBox:~/Desktop$ cat file3.sh
#! /bin/bash
read -p "enter the first number:" n1 read -p "enter the second number:" n2
let s=$n1**$n2
echo "$n1^$n2 is $s"
aparnapm@aparnapm-VirtualBox:~/Desktop$ vim file4.sh
aparnapm@aparnapm-VirtualBox:~/Desktop$ bash file4.sh
enter the first file:new
enter the second file:old
cmp: new: No such file or directory
files are not same
aparnapm@aparnapm-VirtualBox:~/Desktop$ cat file4.sh
read -p "enter the first file:" f1
read -p "enter the second file:" f2
if cmp $f1 $f2
then
         echo "files are same"
         rm f1
else
         echo "files are not same"
```

```
aparnapm@aparnapm-VirtualBox:~/Desktop$ cat file5.sh
read -p "enter first number " a
read -p "enter second number " b
read -p "enter the choice" ch
case $ch in
          1)echo "Addition"
                    let s=$a+$b
                    echo $s;;
          2)echo "Subtraction"
                    let s=$a-$b
                    echo $s;;
          3)echo "Multiplication"
                    let s=$a*$b
                    echo $s;;
          4)echo "Division"
                    let s=$a/$b
                    echo $s;;
          *)echo "exit"
                    ;;
esac
```

```
aparnapm@aparnapm-VirtualBox:~/Desktop$ vim file5.sh
aparnapm@aparnapm-VirtualBox:~/Desktop$ bash file5.sh
enter first number 2
enter second number 2
enter the choice2
Subtraction
0
aparnapm@aparnapm-VirtualBox:~/Desktop$ bash file5.sh
enter first number 2
enter second number 2
enter the choice1
Addition
4
```