EXERCISE 5

aparnapm@aparnapm-VirtualBox: ~

```
aparnapm@aparnapm-VirtualBox:~$ cat file.sh
#! /bin/bash
read -p "enter a name"n
if test -f $n
then
 echo "file"
elif test -d $n
then
echo "directory"
else
echo "something else"
fi

aparnapm@aparnapm-VirtualBox:~$ bash file.sh
enter a namenfile.sh
file
```

aparnapm@aparnapm-VirtualBox: ~

```
enter a namenfile.sh
file
aparnapm@aparnapm-VirtualBox:~$ bash file.sh
enter a namennext
file
aparnapm@aparnapm-VirtualBox:~$ ls
cut.txt      file.sh        mufile.txt   Pictures    shell
Desktop      great.txt      Music        p.txt       Templates
Documents    latest.zip     myfile.txt   Public      Videos
Downloads    latest.zip.1   name.txt     sample.txt  wordpress
aparnapm@aparnapm-VirtualBox:~$ bash file.sh
enter a namendocuments
file
aparnapm@aparnapm-VirtualBox:~$ bash file.sh
enter a namenDesktop
file
aparnapm@aparnapm-VirtualBox:~$ bash file.sh
enter a namen Desktop
file
aparnapm@aparnapm-VirtualBox:~$ nano file.sh
aparnapm@aparnapm-VirtualBox:~$ nano file.sh
aparnapm@aparnapm-VirtualBox:~$ bash file.sh
enter a name Documents
directory
aparnapm@aparnapm-VirtualBox:~$ nano file.sh
aparnapm@aparnapm-VirtualBox:~$ bash file.sh
enter a name file.s
something else
```

Activities   Terminal ▾   Sep 29 19:42

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
```

```
^ ls
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"
fi
```

```
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
```