megha@megha-VirtualBox:~$ cat >pgm1.sh

#! /bin/bash

echo " enter file" read str if test -f $str

then echo "file exists n it is an ordinary file" elif test -d $str then echo "directory file" else echo "not exists" fi if test -c $str

then echo "character device files"

fi

megha@megha-VirtualBox:~$ cat pgm1.sh

#! /bin/bash

echo " enter file" read str if test -f $str

then echo "file exists n it is an ordinary file" elif test -d $str then echo "directory file" else echo "not exists" fi if test -c $str

then echo "character device files" fi

megha@megha-VirtualBox:~$ bash pgm1.sh enter file sample.sh

file exists n it is an ordinary file

megha@megha-VirtualBox:~$ bash pgm1.sh enter file Desktop directory file

megha@megha-VirtualBox:~$ cat >pgm2.sh

#! /bin/bash

echo -n "Enter the basic salary :" read sal

if [ $sal -lt 1500 ] then

echo "HRA :" $((sal\*10/100)) echo "DA :" $((sal\*90/100)) else [ $sal -ge 1500 ] echo "HRA : Rs 500" echo "DA :" $((sal\*98/100))

fi

echo -n "Enter the basic salary :" read sal

if [ $sal -lt 1500 ] then

echo "HRA :" $((sal\*10/100)) echo "DA :" $((sal\*90/100)) else [ $sal -ge 1500 ] echo "HRA : Rs 500" echo "DA :" $((sal\*98/100)) fi

megha@megha-VirtualBox:~$ bash pgm2.sh

Enter the basic salary :5000

HRA : 500

DA : 4900

megha@megha-VirtualBox:~$ bash pgm2.sh

Enter the basic salary :1000

HRA : Rs 100

DA : 900

megha@megha-VirtualBox:~$ cat >pgm3.sh

#! /bin/bash

echo -n "Enter the base number :" read N

echo -n "Enter the power number :" read S

sq= echo $N^$S | bc

megha@megha5622254-VirtualBox:~$ cat pgm2.sh

#! /bin/bash

echo -n "Enter the basic salary :" read sal

if [ $sal -lt 1500 ] then

echo "HRA :" $((sal\*10/100)) echo "DA :" $((sal\*90/100)) else [ $sal -ge 1500 ] echo "HRA : Rs 500" echo "DA :" $((sal\*98/100)) fi

megha@megha-VirtualBox:~$ bash pgm3.sh

Enter the base number :4

Enter the power number :3

64

megha@megha-VirtualBox:~$ cat >pgm4.sh

#! /bin/bash

echo -n "Enter the first file name :" read file1

echo -n "Enter the second file name :" read file2

if cmp $file1 $file2 then

rm -i "$file2" else

echo "Contents of the files are not same!!!" fi

megha@megha-VirtualBox:~$ cat pgm4.sh

#! /bin/bash

echo -n "Enter the first file name :" read file1

echo -n "Enter the second file name :" read file2

if cmp $file1 $file2 then

rm -i "$file2" else

echo "Contents of the files are not same!!!"

fi

megha@megha-VirtualBox:~$ cat >aa.txt hello hii

megha@megha-VirtualBox:~$ cat >bb.txt hello world

megha@megha-VirtualBox:~$ bash pgm4.sh

Enter the first file name :aa.txt Enter the second file name :bb.txt aa.txt bb.txt differ: byte 1, line 1 Contents of the files are not same!!!

megha@megha-VirtualBox:~$ cat aa.txt hello world

megha@megha-VirtualBox:~$ cat bb.txt hello world

megha@megha-VirtualBox:~$ bash pgm4.sh

Enter the first file name :aa.txt Enter the second file name :bb.txt rm: remove regular file 'bb.txt'? y

megha@megha-VirtualBox:~$ cat >pgm5.sh

#! /bin/bash

echo "Enter Two numbers : " read a read b echo "Enter Choice :" echo "1. Addition" echo "2. Subtraction" echo "3. Multiplication" echo "4. Division" read ch case $ch in 1)res=`echo $a + $b | bc` ;;

2)res=`echo $a - $b | bc`

;;

3)res=`echo $a \\* $b | bc`

;;

4)res=`echo "scale=2; $a / $b" | bc`

;; esac echo "Result : $res"

megha@megha-VirtualBox:~$ cat pgm5.sh

#! /bin/bash

echo "Enter Two numbers : " read a read b echo "Enter Choice :" echo "1. Addition" echo "2. Subtraction" echo "3. Multiplication" echo "4. Division" read ch case $ch in 1)res=`echo $a + $b | bc` ;;

2)res=`echo $a - $b | bc`

;;

3)res=`echo $a \\* $b | bc`

;;

4)res=`echo "scale=2; $a / $b" | bc`

;; esac echo "Result : $res"

megha@megha-VirtualBox:~$ bash pgm5.sh Enter Two numbers :

2

5

Enter Choice : 1. Addition

1. Subtraction
2. Multiplication
3. Division

1

Result : 7 megha@megha-VirtualBox:~$ bash pgm5.sh Enter Two numbers :

9

5

Enter Choice :

1. Addition
2. Subtraction
3. Multiplication
4. Division 2

Result : 4 megha@megha-VirtualBox:~$ bash pgm5.sh Enter Two numbers :

6

3

Enter Choice : 1. Addition

1. Subtraction
2. Multiplication
3. Division

3

Result : 18 megha@megha-VirtualBox:~$ bash pgm5.sh Enter Two numbers :

8

2

Enter Choice : 1. Addition

1. Subtraction
2. Multiplication
3. Division

4

Result : 4.00