



The screenshot shows a code editor window with the title "number_found.sh" and a file icon. The editor contains a shell script that checks if a number is 10. The script is as follows:

```
#!/bin/bash
echo "Enter a number"
read a
if [[ $a -eq 10 ]]
then
echo " number is found "
else
echo "number not found"
fi
```

The status bar at the bottom indicates the current line and column: "Ln 8, Col 24".

```
mca@localhost:~/Desktop
File Edit View Search Terminal Help
[mca@localhost ~]$ cd Desktop/
[mca@localhost Desktop]$ chmod +x number_found.sh
[mca@localhost Desktop]$ ./number_found.sh
Enter a number
10
number is found
[mca@localhost Desktop]$
```

```
number_found.sh
~/Desktop
Open ▾ Save ≡ ×
#!/bin/bash
echo "Enter a number"
```

ActivitiesTerminal

Apr 29 04:47

g2.sh
~/Desktop

number_found.shg2.sh

Save

g2.sh

```
#!/bin/bash
echo "enter two numbers"
read a
read b
if [[ $a -gt $b ]]
then
echo "a is greater than b"
else
echo "b is greater than b"
fi
```

mca@localhost:~/Desktop

File Edit View Search Terminal Help

```
[mca@localhost Desktop]$ chmod +x g2.sh
[mca@localhost Desktop]$ ./g2.sh
enter two numbers
10
5
a is greater than b
[mca@localhost Desktop]$
```

sh Tab Width: 8 Ln 4, Col 7 INS

```
#!/bin/bash
echo "enter three numbers"
read a
read b
read c
if [ $a -gt $b -a $a -gt $c ]
then
echo "a is greater than b and c"
elif [ $b -gt $a -a $b -gt $c ]
then
echo "b is greater than a and c"
else
echo "c is grater than a and b"
fi
```

```
mca@localhost:~/Desktop
File Edit View Search Terminal Help
[mca@localhost Desktop]$ chmod +x g3.sh
[mca@localhost Desktop]$ ./g3.sh
enter three numbers
10
65
21
b is greater than a and c
[mca@localhost Desktop]$
```

ActivitiesTerminal

Apr 29 05:11

sum.sh
~/Desktop

Save

number_found.shg2.shg3.shsum.shUntitled Document 1

```
#!/bin/bash
echo "Enter a number : "
read n
sd=0
sum=0
while [ $n -gt 0 ]
do
    sd=$(( $n % 10 ))
    n=$(( $n / 10 ))
    sum=$(( $sum + $sd ))
done
echo "Sum of all digit is $sum"
```

mca@localhost:~/Desktop

File Edit View Search Terminal Help

```
[mca@localhost Desktop]$ chmod +x sum.sh
[mca@localhost Desktop]$ ./sum.sh
Enter a number :
1234
Sum of all digit is 10
[mca@localhost Desktop]$
```

sh Tab Width: 8 Ln 12, Col 33 INS

ActivitiesTerminal

Apr 29 05:15

Open

fib.sh
~/Desktop

Save

number_found.sh

g2.sh

g3.sh

sum.sh

fib.sh

```
#!/bin/bash
echo "Enter a number : "
read n
a=0
b=1

echo "The Fibonacci series is : "

for ((i=0; i<n; i++ ))
do
    echo "$a "
    fn=$((a + b))
    a=$b
    b=$fn
done
```

mca@localhost:~/Desktop

File Edit View Search Terminal Help

```
[mca@localhost Desktop]$ chmod +x fib.sh
[mca@localhost Desktop]$ ./fib.sh
Enter a number :
5
The Fibonacci series is :
0
1
1
2
3
[mca@localhost Desktop]$
```

sh Tab Width: 8 Ln 9, Col 23 INS

```

p.sh
~/Desktop
Open Save
echo "Enter number of rows : "
read rows
coef=1
for((i=0;i<rows;i++))
do
  for((space=1;space<=rows-i; space++))
  do
    echo -n " "
  done
  for((j=0;j<=i;j++))
  do
    if [ $j -eq 0 -o $i -eq 0 ]
    then
      coef=1;
    else
      coef=$((coef*(i-j+1)/j))
    fi
    echo -n $coef " "
  done
  echo
done

```

sh Tab Width: 8 Ln 23, Col 1 INS

```
mca@localhost:~/Desktop
File Edit View Search Terminal Help
[mca@localhost ~]$ cd desktop
bash: cd: desktop: No such file or directory
[mca@localhost ~]$ cd Desktop
[mca@localhost Desktop]$ chmod +x p.sh
[mca@localhost Desktop]$ ./p.sh
Enter number of rows :
5
      1
    1 1
  1 2 1
1 3 3 1
1 4 6 4 1
[mca@localhost Desktop]$
```