mca@localhost:~

File Edit View Search Terminal Help

```
[mca@localhost ~]$ vim largest.sh
[mca@localhost ~]$ chmod +x largest.sh
[mca@localhost ~]$ ./largest.sh
Enter the first number :
6
Enter the second number :
2
Enter the third number :
10
The number 10 is largest
[mca@localhost ~]$
```

mca@localhost:~

File Edit View Search Terminal Help

```bash
#!/bin/bash
echo "Enter the two numbers :"
read a
read b

if [[ $a -gt $b ]]
then
echo "The number $a is greater"
else
echo "The number $b is greater"
fi
```

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~
~
-- INSERT --   12,1   All

File　Edit　View　Search　Terminal　Help

```
[mca@localhost ~]$ vim largest.sh
[mca@localhost ~]$ chmod +x largest.sh
[mca@localhost ~]$ ./largest.sh
Enter the first number :
6
Enter the second number :
2
Enter the third number :
10
The number 10 is largest
[mca@localhost ~]$ vim greater.sh
[mca@localhost ~]$ chmod +x greater.sh
[mca@localhost ~]$ ./greater.sh
Enter the two numbers :
5
7
The number 7 is greater
[mca@localhost ~]$
```

mca@localhost:~

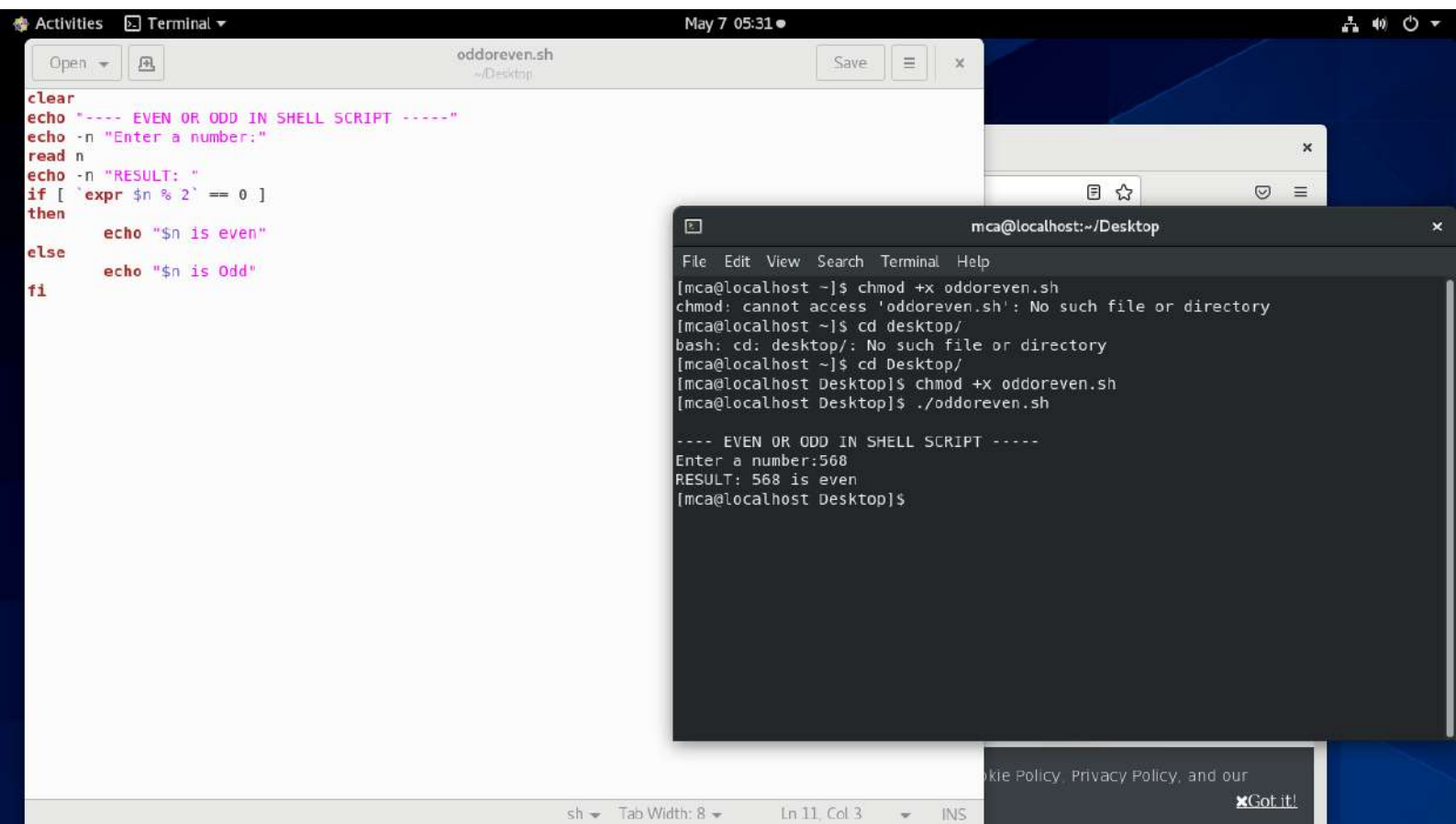File   Edit   View   Search   Terminal   Help

```bash
#!/bin/bash
num=10

if [[ $num -eq 10 ]]
then
echo "The number is found"
else
echo "Not found"
fi
```

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~
~
~
-- INSERT --   10,1   All

mca@localhost:~

File   Edit   View   Search   Terminal   Help

```
[mca@localhost ~]$ vim largest.sh
[mca@localhost ~]$ chmod +x largest.sh
[mca@localhost ~]$ ./largest.sh
Enter the first number :
6
Enter the second number :
2
Enter the third number :
10
The number 10 is largest
[mca@localhost ~]$ vim greater.sh
[mca@localhost ~]$ chmod +x greater.sh
[mca@localhost ~]$ ./greater.sh
Enter the two numbers :
5
7
The number 7 is greater
[mca@localhost ~]$ vim found.sh
[mca@localhost ~]$ chmod +x found.sh
[mca@localhost ~]$ ./found.sh
The number is found
[mca@localhost ~]$
```

mca@localhost:~

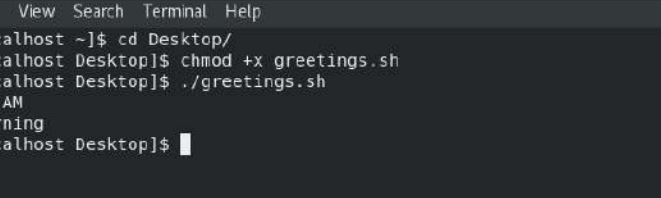File   Edit   View   Search   Terminal   Help

```bash
#!/bin/bash
echo "Enter a number"
read n
temp=&n
sd=0
sum=0
while [ $n -gt 0]
do
sd=$(( $n %10 ))
n=$(( $n / 10 ))
sum=$(( $sum +  $sd ))
done
echo "sum is $sum"
fi
~
~
~
~
~
~
~
~
:wq sd.sh
```

```
[mca@localhost ~]$ chmod +x oddoreven.sh
chmod: cannot access 'oddoreven.sh': No such file or directory
[mca@localhost ~]$ cd desktop/
bash: cd: desktop/: No such file or directory
[mca@localhost ~]$ cd Desktop/
[mca@localhost Desktop]$ chmod +x oddoreven.sh
[mca@localhost Desktop]$ ./oddoreven.sh

---- EVEN OR ODD IN SHELL SCRIPT -----
Enter a number:568
RESULT: 568 is even
[mca@localhost Desktop]$
```

oddoreven.sh
~/Desktop

Open ▾   🔳   Save   ≡   ✕

```sh
clear
echo "---- EVEN OR ODD IN SHELL SCRIPT -----"
echo -n "Enter a number:"
read n
echo -n "RESULT: "
if [ `expr $n % 2` == 0 ]
then
        echo "$n is even"
else
        echo "$n is Odd"
fi
```

mca@localhost:~/Desktop   ✕

File   Edit   View   Search   Terminal   Help

```
[mca@localhost ~]$ chmod +x oddoreven.sh
chmod: cannot access 'oddoreven.sh': No such file or directory
[mca@localhost ~]$ cd desktop/
bash: cd: desktop/: No such file or directory
[mca@localhost ~]$ cd Desktop/
[mca@localhost Desktop]$ chmod +x oddoreven.sh
[mca@localhost Desktop]$ ./oddoreven.sh

---- EVEN OR ODD IN SHELL SCRIPT -----
Enter a number:568
RESULT: 568 is even
[mca@localhost Desktop]$
```
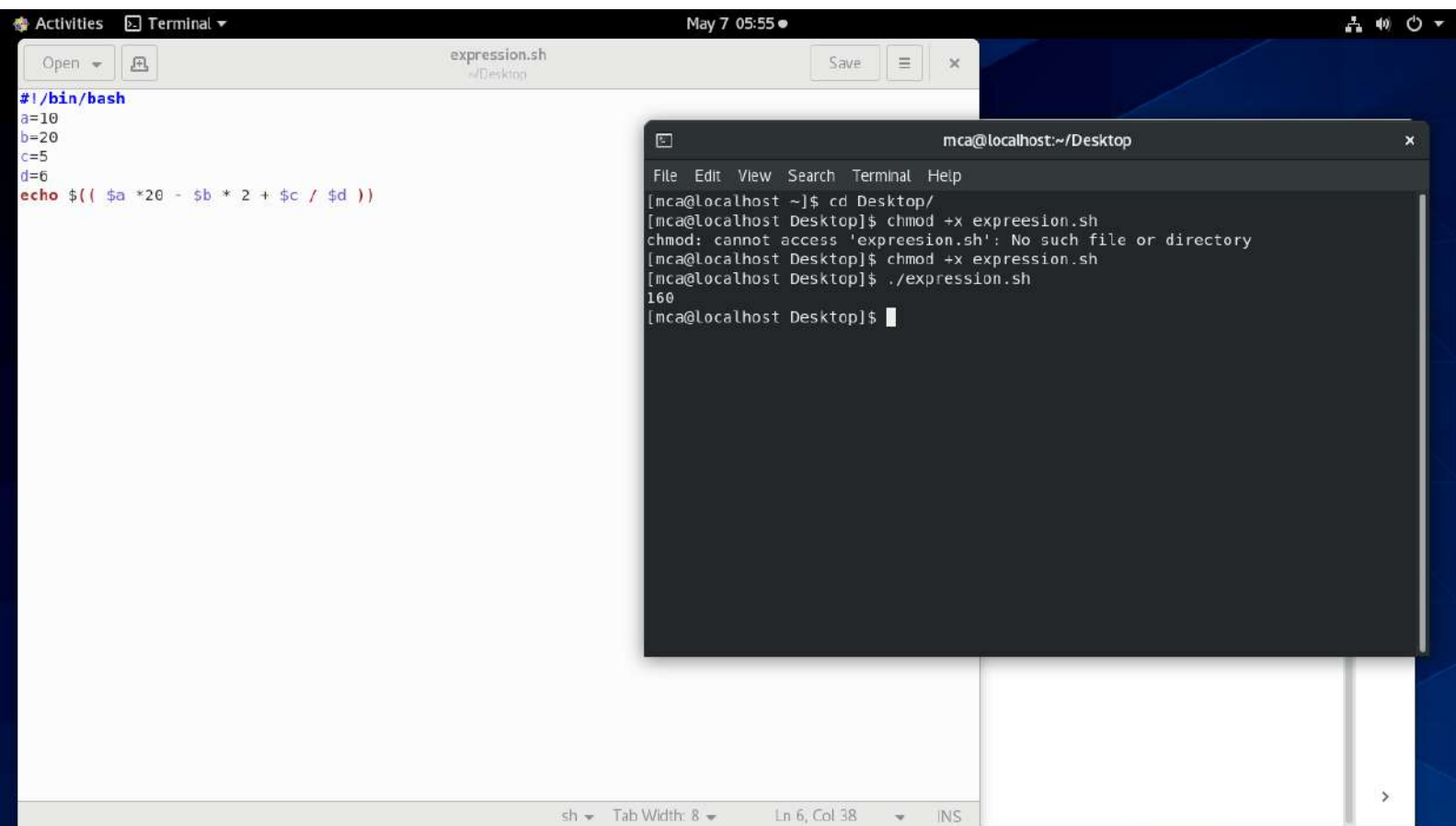
sh ▾   Tab Width: 8 ▾   Ln 11, Col 3   ▾   INS

```bash
#!/bin/bash
hour=`date +%I`
min=`date +%M`
ampm=`date +%p`
echo "$hour : $min $ampm"
if [ $ampm="AM" ]
then
echo "Good Morning"
else
if [ $hour -eq 12 -o $hour -lt 4]
then
echo "Good afternoon"
elif [ $hour -ge 4 -a $hour -le 8 ]
then
echo "Good evening"
fi
fi
```

Open ▾   greetings.sh   ~/Desktop   Save   ≡   x

mca@localhost:~/Desktop   x

File   Edit   View   Search   Terminal   Help

```
[mca@localhost ~]$ cd Desktop/
[mca@localhost Desktop]$ chmod +x greetings.sh
[mca@localhost Desktop]$ ./greetings.sh
05 : 38 AM
Good Morning
[mca@localhost Desktop]$
```

```
Open  ▾   [📁]                    expression.sh                        Save   ☰   ✕
                                  ~/Desktop
#!/bin/bash
a=10
b=20
c=5
d=6
echo $(( $a *20 - $b * 2 + $c / $d ))
```

```
[mca@localhost ~]$ cd Desktop/
[mca@localhost Desktop]$ chmod +x expreesion.sh
chmod: cannot access 'expreesion.sh': No such file or directory
[mca@localhost Desktop]$ chmod +x expression.sh
[mca@localhost Desktop]$ ./expression.sh
160
[mca@localhost Desktop]$
```

sh ▾   Tab Width: 8 ▾   Ln 6, Col 38   ▾   INS

```
#!/bin/bash
echo "Enter the number"
read n
function pal
{
number=$n
reverse=0
while [ $n -gt 0 ]
do
a=`expr $n % 10 `
n=`expr $n / 10 `
reverse=`expr $reverse \* 10 + $a`
done
echo $reverse
if [ $number -eq $reverse ]
then
     echo "Number is palindrome"
else
     echo "Number is not palindrome"
fi
}
r=`pal $n`
echo "$r"
```

palindrome.sh
~/Desktop

Open ▾   Save   ≡   ✕

sh ▾   Tab Width: 8 ▾   Ln 23, Col 10   ▾   INS

mca@localhost:~/Desktop

File Edit View Search Terminal Help

```
[mca@localhost ~]$ cd Desktop/
[mca@localhost Desktop]$ chmod +x palindrome.sh
[mca@localhost Desktop]$ ./palindrome.sh
Enter the number
121
[mca@localhost Desktop]$ chmod +x palindrome.sh
[mca@localhost Desktop]$ ./palindrome.sh
Enter the number
232
232
Number is palindrome
[mca@localhost Desktop]$
```