A terminal window titled "Terminal" with a dark theme. The window shows a user named 'mca' at 'localhost' in the directory '~/Desktop'. The user runs 'cd Desktop', 'chmod +x even.sh', and './even.sh'. The script outputs a separator line, prompts for a number, and then outputs the result for the number 12.

```
Activities Terminal May 7 05:25 mca@localhost:~/Desktop
File Edit View Search Terminal Help
[mca@localhost ~]$ cd Desktop
[mca@localhost Desktop]$ chmod +x even.sh
[mca@localhost Desktop]$ ./even.sh
---- EVEN OR ODD IN SHELL SCRIPT ----
Enter a number:12
RESULT: 12 is even
[mca@localhost Desktop]$
```

```
#!/bin/bash
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
```

ActivitiesText EditorMay 7 05:39

Open

even.shxgreets.shxfound.shx

Save

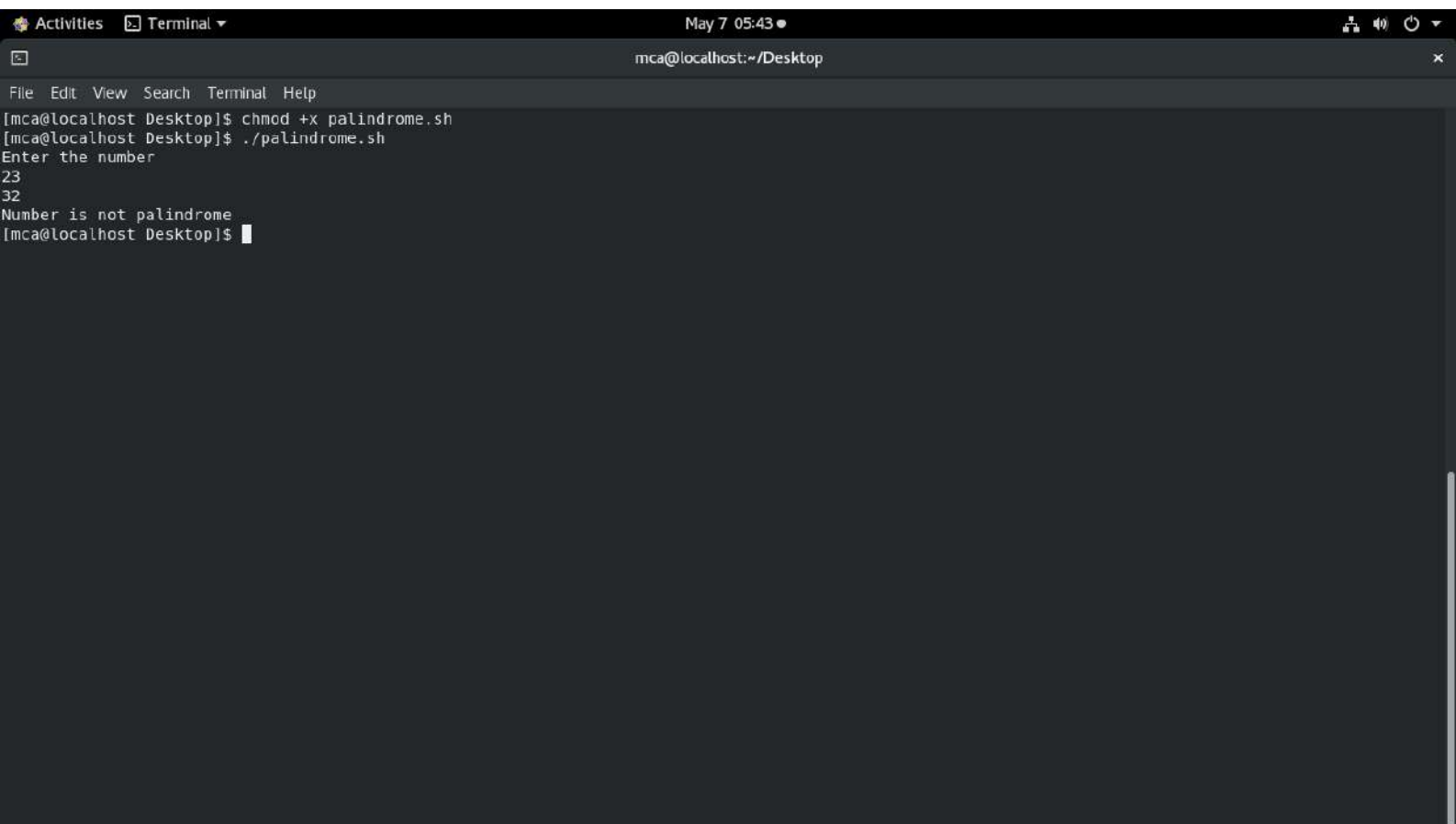
greets.sh
~/Desktop

```
#!/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
```

shTab Width: 8Ln 17, Col 3INS

A terminal window titled "Terminal" with a dark background. The window shows a user named 'mca' at 'localhost' in the 'Desktop' directory. The user has executed two commands: 'chmod +x greets.sh' and './greets.sh'. The output of the second command is '05 : 33 AM' followed by 'Good Morning' on a new line. The terminal has a menu bar with 'File', 'Edit', 'View', 'Search', 'Terminal', and 'Help'. The top status bar shows 'May 7 05:39' and system icons for network, volume, and power.

```
Activities Terminal May 7 05:39 mca@localhost:~/Desktop
File Edit View Search Terminal Help
[mca@localhost Desktop]$ chmod +x greets.sh
[mca@localhost Desktop]$ ./greets.sh
05 : 33 AM
Good Morning
[mca@localhost Desktop]$
```



A terminal window titled "Terminal" with a subtitle "mca@localhost:~/Desktop". The window shows the execution of a shell script named "palindrome.sh". The user sets permissions with "chmod +x palindrome.sh" and then runs the script. The script prompts for a number, and the user enters "23" and "32". The script outputs "Number is not palindrome" for both inputs.

```
[mca@localhost Desktop]$ chmod +x palindrome.sh
[mca@localhost Desktop]$ ./palindrome.sh
Enter the number
23
32
Number is not palindrome
[mca@localhost Desktop]$
```

ActivitiesText EditorMay 7 05:43

Openpalindrome.sh~/DesktopSave

even.shxgreetsh.xfound.sh.xpalindrome.sh.x

```
#!/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"
```

shTab Width: 8Ln 23, Col 10INS

```
Activities Terminal May 7 05:46 mca@localhost:~/Desktop
File Edit View Search Terminal Help
[mca@localhost Desktop]$ chmod +x exp.sh
[mca@localhost Desktop]$ ./exp.sh
169
[mca@localhost Desktop]$
```

ActivitiesText EditorMay 7 05:46

Openexp.sh~/DesktopSave

even.shgreets.shfound.shpalindrome.shexp.sh

```
#!/bin/bash
a=10
b=20
c=5
d=6
echo $(( $a * 20 - $b * 2 + $c / $d ))
```

shTab Width: 8Ln 6, Col 7INS