



```
pal.sh
~/Desktop

#!/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"
```

```
mca@localhost:~/Desktop
File Edit View Search Terminal Help
[mca@localhost ~]$ cd Desktop/
[mca@localhost Desktop]$ chmod +x pal.sh
[mca@localhost Desktop]$ ./pal.sh
Enter the number
123
321
Number is not palindrome
[mca@localhost Desktop]$ chmod +x pal.sh
[mca@localhost Desktop]$ ./pal.sh
Enter the number
121
121
Number is palindrome
[mca@localhost Desktop]$
```

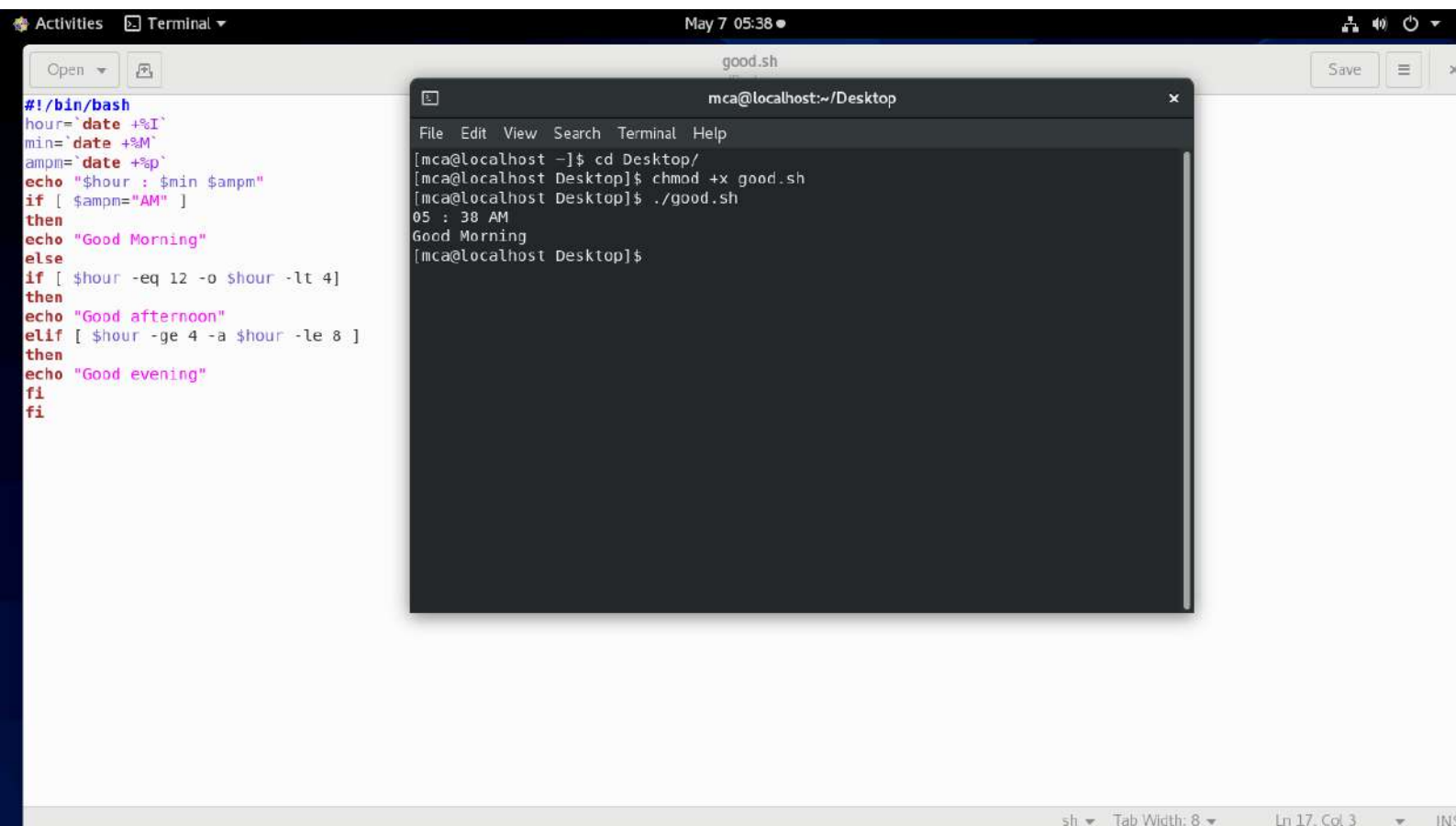
```
Open  Save  x
```

```
#!/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
```

```
mca@localhost:~/Desktop x
```

```
File Edit View Search Terminal Help
```

```
---- EVEN OR ODD IN SHELL SCRIPT ----
Enter a number:10
RESULT: 10 is even
[mca@localhost Desktop]$
```



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

```
mca@localhost:~/Desktop
File Edit View Search Terminal Help
[mca@localhost ~]$ cd Desktop/
[mca@localhost Desktop]$ chmod +x exp.sh
[mca@localhost Desktop]$ ./exp.sh
160
[mca@localhost Desktop]$
```