


```
#!/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
```



The screenshot shows a terminal window with the title bar "mca@localhost:~/Desktop/Asna". The terminal content is as follows:

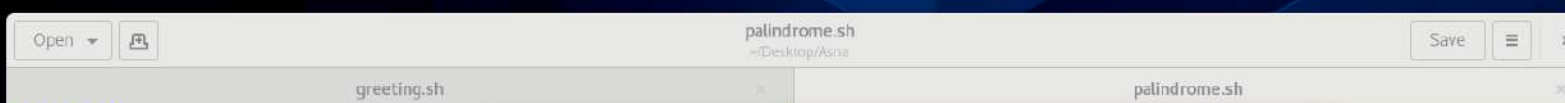
```
File Edit View Search Terminal Help
[mca@localhost ~]$ cd Desktop/
[mca@localhost Desktop]$ cd Asna/
[mca@localhost Asna]$ chmod +x greeting.sh
[mca@localhost Asna]$ ./greeting.sh
05 : 38 AM
Good Morning
[mca@localhost Asna]$
```

```
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/Asna
File Edit View Search Terminal Help
---- EVEN OR ODD IN SHELL SCRIPT ----
Enter a number:1234
RESULT: 1234 is even
[mca@localhost Asna]$
```

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

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



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