

NETWORKING & SYSTEM ADMINISTRATION LAB**Name: Swetha Prakash****Roll No: 46****Batch: B****Date: 09/05/2022****Experiment No.: 14****Aim**

Write a shell script program to check whether a number is palindrome or not.

Procedure

```
echo "Enter number : "
```

```
read n
```

```
sum=0
```

```
rev=""
```

```
temp=$n
```

```
while [ $n -gt 0 ]
```

```
do
```

```
    sum=$(( $n % 10 ))
```

```
    n=$(( $n / 10 ))
```

```
    rev=$( echo ${rev}${sum} )
```

```
done
```

```
if [ $temp -eq $rev ];
```

```
then
```

```
    echo "Number is palindrome"
```

```
else
```

```
    echo "Number is NOT palindrome"
```

```
fi
```

Output

```
student@S46:~$ bash palindrome.sh
Enter number :
3445
Number is NOT palindrome
student@S46:~$ bash palindrome.sh
Enter number :
1221
Number is palindrome
```