NETWORKING & SYSTEM ADMINISTRATION LAB

Name: Silvia Thomas

Roll No:38

Batch:MCA -B

Date:09-05-2022

Experiment No.: 19

Aim

Shell program to check a number is palindrome or not.

Procedure

```
student@S38:~/Documents/shellscripting$ gedit palindrome.sh
```

```
#!/bin/bash
echo enter n
read n
num=0
on=$n
while [ $n -gt 0 ]
do
num=$(expr $num \* 10)
k=$(expr $n % 10)
num=$(expr $num + $k)
n=$(expr $n / 10)
done
if [ $num -eq $on ]
then
echo palindrome
else
echo not palindrome
fi
```

Output

```
student@S38:~/Documents/shellscripting$ bash palindrome.sh
enter n
121
palindrome
student@S38:~/Documents/shellscripting$ bash palindrome.sh
enter n
231
not palindrome
```