

## **ASSIGNMENT - 7**

**Assignment 7:** Check Whether the Number is Palindrome or Not

**Script:**

```
#!/bin/sh

echo "enter a number:"
read num
reverse=6
temp=$num
while [ $num-gt 0]
do remainder=$(( $num % 10))
reverse=$(( $reverse 10 $remainder))
num=$(( $num / 10))
done
if [ $temp -eq $reverse]
then echo "palindrome."
else echo "not a palindrome"
```

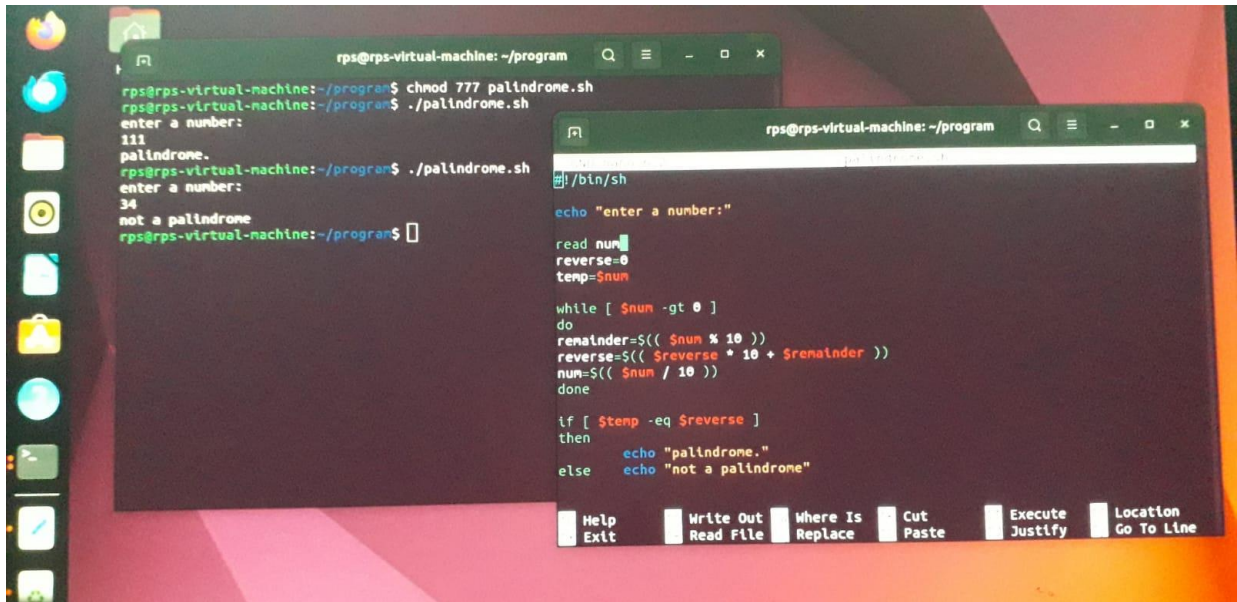
**Sample Output:**

Enter a number: 111

111 is a palindrome

Enter a number: 34

34 Not a palindrom



```
rps@rps-virtual-machine: ~/program
rps@rps-virtual-machine:~/program$ chmod 777 palindrome.sh
rps@rps-virtual-machine:~/program$ ./palindrome.sh
enter a number:
111
palindrome.
rps@rps-virtual-machine:~/program$ ./palindrome.sh
enter a number:
34
not a palindrome
rps@rps-virtual-machine:~/program$
```

```
#!/bin/sh

echo "enter a number:"

read num
reverse=0
temp=$num

while [ $num -gt 0 ]
do
remainder=$(( $num % 10 ))
reverse=$(( $reverse * 10 + $remainder ))
num=$(( $num / 10 ))
done

if [ $temp -eq $reverse ]
then
echo "palindrome."
else
echo "not a palindrome"
```

Help Exit Write Out Read File Where Is Replace Cut Paste Execute Justify Location Go To Line