

## ASSIGNMENT 5

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

**Description:**

This script checks whether a given number is a palindrome or not.

**Script:**

```
#!/bin/sh
# Check whether the number is palindrome or not
read -p "Enter a number: " number
reverse=$(echo "$number" | rev)
if [ "$number" -eq "$reverse" ]; then
    echo "$number is a palindrome"
else
    echo "$number is not a palindrome"
fi
```

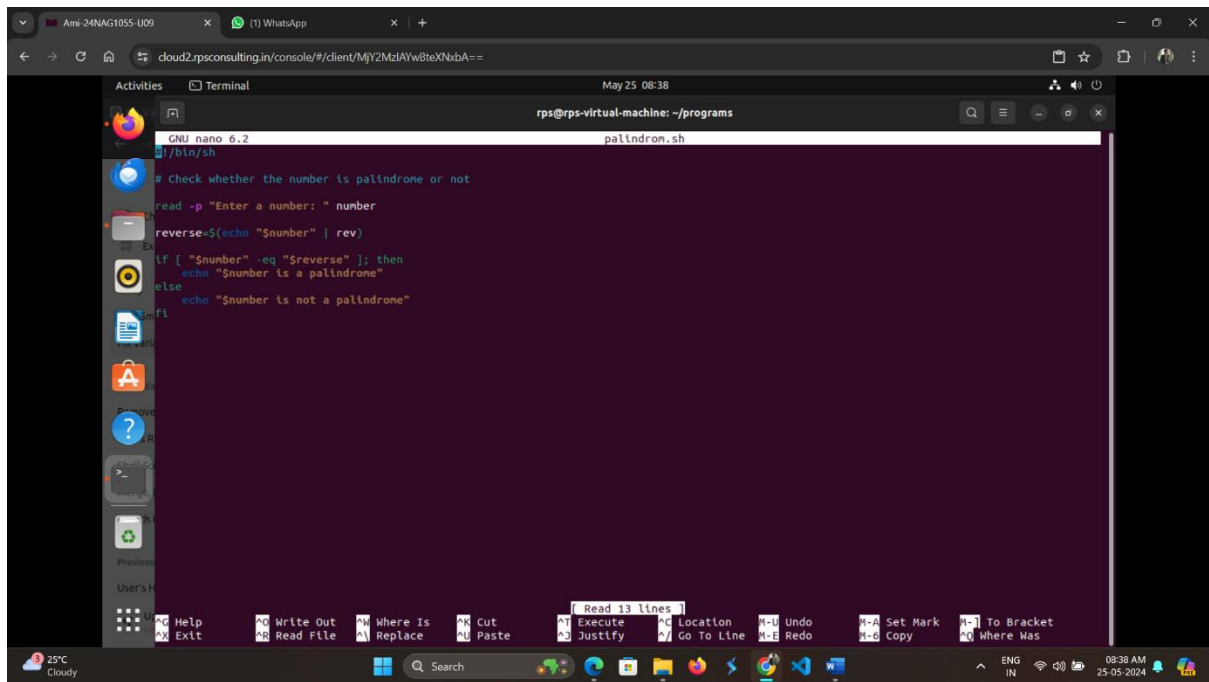
**Sample Output:**

Enter a number: 121

121 is a palindrome

Enter a number: 123

123 is not a palindrome

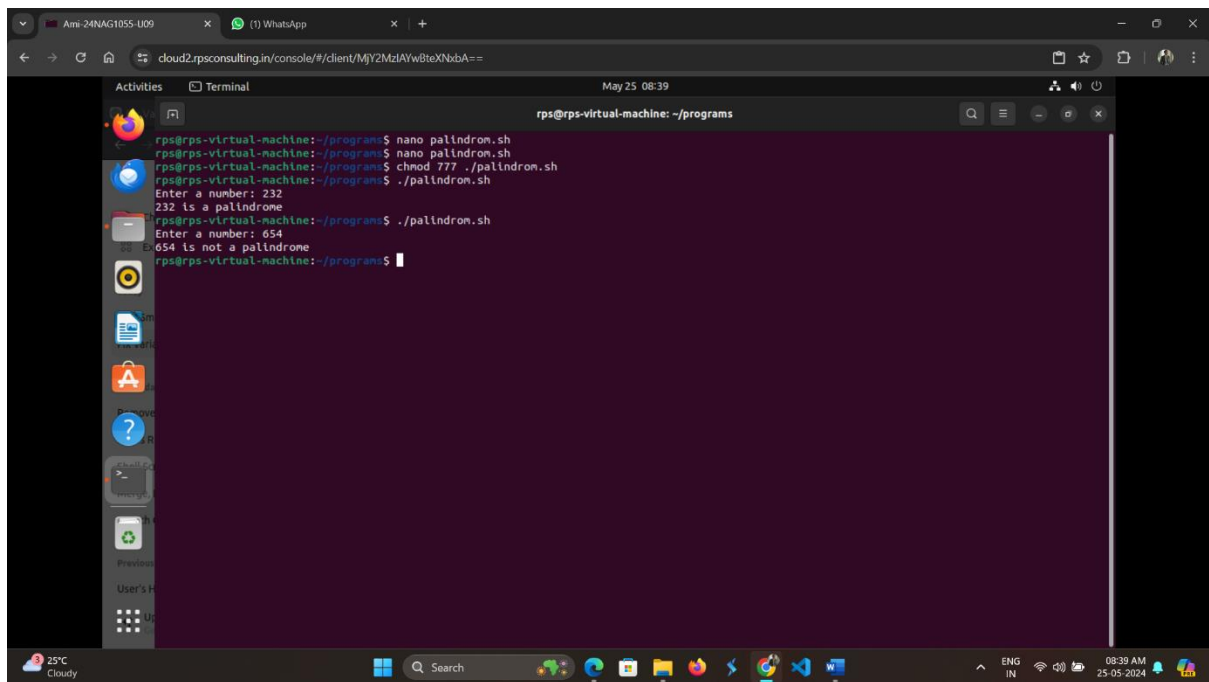


```
GNU nano 6.2 palindrom.sh
#!/bin/sh

# Check whether the number is palindrome or not
read -p "Enter a number: " number

reverse=$(echo "$number" | rev)

if [ "$number" -eq "$reverse" ]; then
    echo "$number is a palindrome"
else
    echo "$number is not a palindrome"
fi
```



```
rps@rps-virtual-machine: ~/programs
rps@rps-virtual-machine:~/programs$ nano palindrom.sh
rps@rps-virtual-machine:~/programs$ nano palindrom.sh
rps@rps-virtual-machine:~/programs$ chmod 777 ./palindrom.sh
rps@rps-virtual-machine:~/programs$ ./palindrom.sh
Enter a number: 232
232 is a palindrome
rps@rps-virtual-machine:~/programs$ ./palindrom.sh
Enter a number: 654
654 is not a palindrome
rps@rps-virtual-machine:~/programs$
```