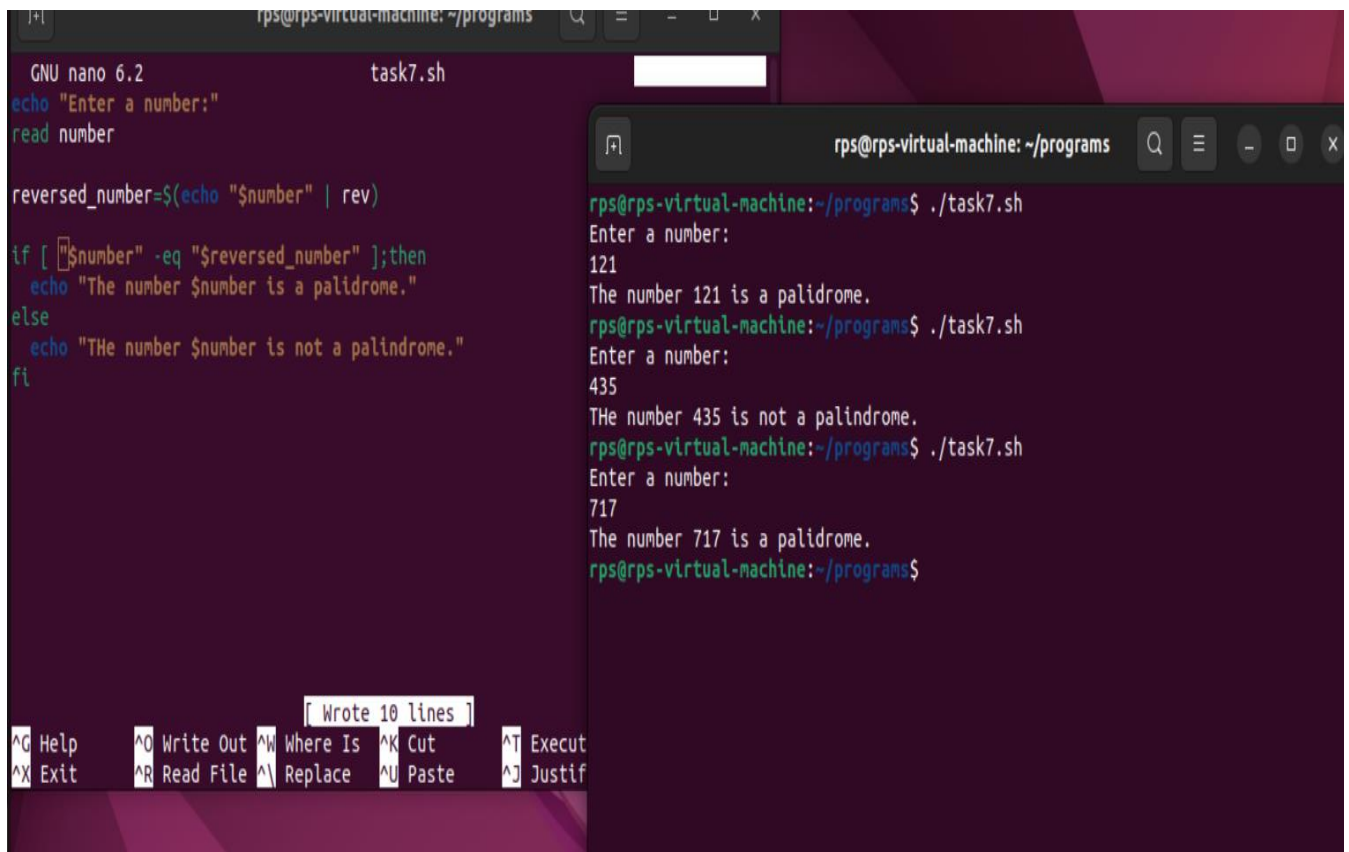


7. check whether the number is palindrom or not.



The image shows a terminal window with two panes. The left pane displays the source code of a shell script named `task7.sh` being edited in `GNU nano 6.2`. The script prompts the user to enter a number, reverses it, and checks if it is a palindrome. The right pane shows the script being executed three times with inputs 121, 435, and 717, producing the corresponding palindrome check results.

```
GNU nano 6.2 task7.sh
echo "Enter a number:"
read number

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

if [ "$number" -eq "$reversed_number" ];then
    echo "The number $number is a palidrome."
else
    echo "The number $number is not a palidrome."
fi

[ Wrote 10 lines ]
^G Help      ^O Write Out ^W Where Is  ^K Cut       ^T Execut
^X Exit      ^R Read File ^\ Replace   ^U Paste     ^J Justif
```

```
rps@rps-virtual-machine: ~/programs
rps@rps-virtual-machine:~/programs$ ./task7.sh
Enter a number:
121
The number 121 is a palidrome.
rps@rps-virtual-machine:~/programs$ ./task7.sh
Enter a number:
435
The number 435 is not a palidrome.
rps@rps-virtual-machine:~/programs$ ./task7.sh
Enter a number:
717
The number 717 is a palidrome.
rps@rps-virtual-machine:~/programs$
```