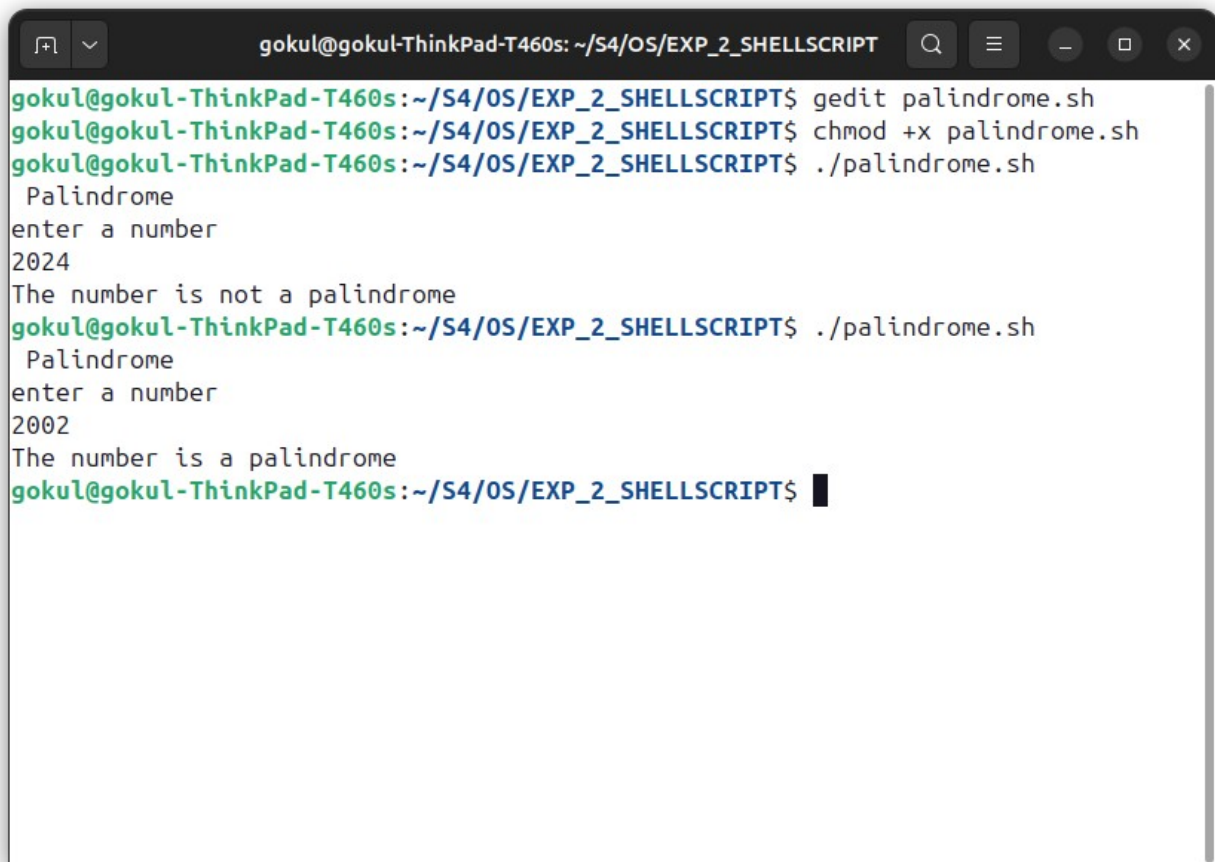


*#Check Palindrome or not*

```
echo " Palindrome "  
echo "enter a number"  
read num  
no=$num  
rev=0  
while [ $num -gt 0 ]; do  
    digit=$(( num % 10 ))  
    rev=$(( rev * 10 + digit ))  
    num=$(( num / 10 ))  
done  
if [ $rev -eq $no ]  
then  
    echo "The number is a palindrome"  
else  
    echo "The number is not a palindrome"  
fi
```

A terminal window titled 'gokul@gokul-ThinkPad-T460s: ~/S4/OS/EXP\_2\_SHELLSCRIPT' with standard window controls. The terminal shows the following sequence of commands and outputs:  
1. Command: `gedit palindrome.sh`  
2. Command: `chmod +x palindrome.sh`  
3. Command: `./palindrome.sh`  
 Output: `Palindrome`  
 Prompt: `enter a number`  
 Input: `2024`  
 Output: `The number is not a palindrome`  
4. Command: `./palindrome.sh`  
 Output: `Palindrome`  
 Prompt: `enter a number`  
 Input: `2002`  
 Output: `The number is a palindrome`  
5. The prompt `gokul@gokul-ThinkPad-T460s:~/S4/OS/EXP_2_SHELLSCRIPT$` is shown with a black cursor.