PRACTICAL-7

A) Write a shell script to keep on accepting lines of text and write the text into a data file until the user inputs "end". The script should count the number of lines input and display them.

```
echo "Enter Sentence : "
read sentence
count=0
while [ "$sentence" != "end" -a "$sentence" != "End" -a "$sentence" != "END" ]
do
count= $(($count+1))
echo $sentence>>pr7temp.txt
echo "Enter Next Sentence"
read sentence
done
echo "----------Content----------"
cat pr7temp.txt

echo "Total no of lines: "
wc -l pr7temp.txt
```

Output:

```
ubuntu@ubuntu:~/NEWONE$ bash pr7a.sh
Enter Sentence :
bvfdvlfjkds
pr7a.sh: line 6: 1: command not found
Enter Next Sentence
nvfdnvnsdf
pr7a.sh: line 6: 1: command not found
Enter Next Sentence
nvjfdnkv;ndfsjv
pr7a.sh: line 6: 1: command not found
Enter Next Sentence
;vndfnvj;sdv
pr7a.sh: line 6: 1: command not found
Enter Next Sentence
END
----------Content----------
anflkfdsnl
vlkfdnklvnflkd4
vndsknv;n
nkldsnvkfd4
nvejnskj;vjkd;jvd
nvds;nvjnfd
nvjfd;njsv;jfdv
vnfjdskvjfjs;n
OSOOSOSOSOOS
bvfdvlfjkds
nvfdnvnsdf
nvjfdnkv;ndfsjv
;vndfnvj;sdv
Total no of lines:
36 pr7temp.txt
ubuntu@ubuntu:~/NEWONE$
```

B) Write a shell script to print the reverse of an input number.

```
clear
echo "Enter the Number to reverse: "
read num
```

```
temp=0
rev=0
while [ $num -gt 0 ]
do
temp=$(expr $num % 10)
rev=$(expr $rev \* 10 + $temp)
num=$(expr $num / 10)
done
echo "number is $rev"
```

Output: