

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
nvfdnvn sdf
pr7a.sh: line 6: 1: command not found
Enter Next Sentence
nvjfdnk v;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-----
anflkfd snl
vlfkfdnklvnflkd4
vndsknv;n
nkl dsnvkfd4
nvejnskj;vjkd;jvd
nvds;nvj nfd
nvjfd;njsv;jfdv
vnfj dskvjfjs;n

```

```

0S00S0S0S00S
bvfdvlfjkds
nvfdnvn sdf
nvjfdnk v;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.**

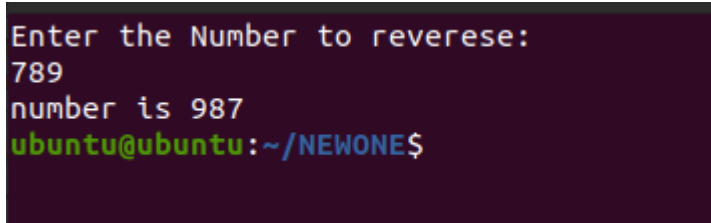
```

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:



```
Enter the Number to reverse:
789
number is 987
ubuntu@ubuntu:~/NEWONE$
```