

Ex. No.: 3a)

Date: 06/2/25


### Shell Script – Reverse of Digit

Aim:

To write a Shell script to reverse a given digit using looping statement.

Program:

```
echo "Enter a number: "  
read n  
rev=0  
while [ $n -gt 0 ]  
do  
d='expr $n %.10'  
rev=$(echo "$rev * 10 + $d" | bc)  
n='expr $n / 10'  
done  
echo $rev
```

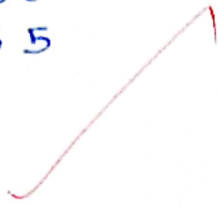


Output :-

Enter a number

56236

63265



OKEN

"Enter a number" value  
56236  
63265  
1. 0 1 2 3 4 5 6 7 8 9  
2. 0 1 2 3 4 5 6 7 8 9  
3. 0 1 2 3 4 5 6 7 8 9  
4. 0 1 2 3 4 5 6 7 8 9  
5. 0 1 2 3 4 5 6 7 8 9  
6. 0 1 2 3 4 5 6 7 8 9  
7. 0 1 2 3 4 5 6 7 8 9  
8. 0 1 2 3 4 5 6 7 8 9  
9. 0 1 2 3 4 5 6 7 8 9  
10. 0 1 2 3 4 5 6 7 8 9

Sample Input and Output

Run the program using the below command

[REC@local host~]\$sh indhu.sh

enter number

123

321

Result:

Hence the Shell Script for Reverse a Number is  
Executed Successfully