

Ex. No.: 3a)

Date:

Aim

Shell Script – Reverse of Digit

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

Program:

```
echo "Enter a number:"
read num
reverse=0
while [ $num -gt 0 ]
do
remainder=$(( num % 10 ))
reverse=$(( reverse * 10 + remainder ))
num=$(( num / 10 ))
done
echo "Reversed number: $reverse"
```

Sample Input and Output

Run the program using the below command

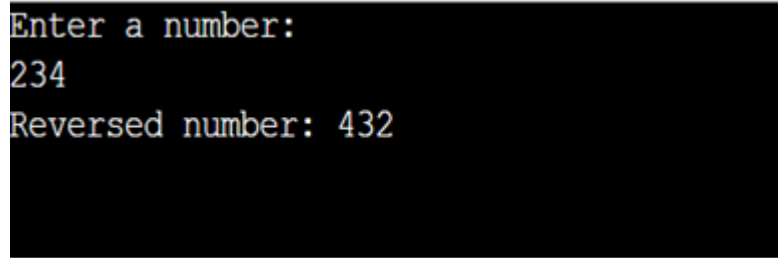
[REC@local host~]\$sh indhu.sh

enter number

123

321

Output:

A screenshot of a terminal window with a black background and white text. The text shows the program's execution: 'Enter a number:' followed by the input '234' and the output 'Reversed number: 432'.

```
Enter a number:
234
Reversed number: 432
```

Result:

Program is executed successfully and output is verified.