

Ex. No.: 3a)

Date:

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

Sample Input and Output

Run the program using the below command

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

```
enter number
```

123

321

Result:

Shell script to reverse a given digit using looping statement is successful.