

Operating System – CS23431

Ex 3 a)	Shell Script – Reverse of Digit
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Aim: To write a Shell script to reverse a given digit using looping statement.

Program:

```
echo "Enter number:"
read n
rev=0
while [ $n -gt 0 ]
do
    rev=$((($rev * 10) + (($n % 10)))
    n=$((n / 10))
done
```

echo "Reversed number is \$rev"

Sample Input and Output

Run the program using the below command

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

enter number

123

321

Console:

```
echo "Enter number:"
read n
rev=0
while [ $n -gt 0 ]
do
    rev=$((($rev * 10) + (($n % 10)))
    n=$((n / 10))
done
echo "Reversed number is $rev"
```

```
Enter number:
431
Reversed number is 134
```

Result : Thus, successfully executed.