

EX.NO:3A DATE:

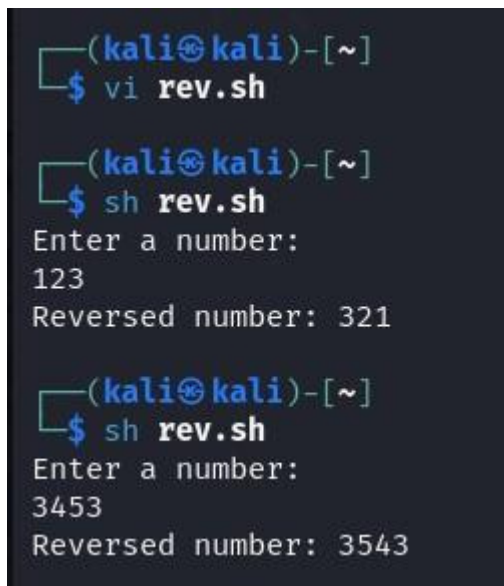
### SHELL SCRIPT

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

PROGRAM:

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

INPUT & OUTPUT:

A terminal window with a dark background and light blue text. The prompt is (kali@kali)-[~]. The user enters 'vi rev.sh' to create the script. Then, they enter 'sh rev.sh' to run it. The script prompts 'Enter a number:' and the user enters '123'. The output is 'Reversed number: 321'. The user runs the script again, entering '3453', and the output is 'Reversed number: 3543'.

```
(kali@kali)-[~]
$ vi rev.sh

(kali@kali)-[~]
$ sh rev.sh
Enter a number:
123
Reversed number: 321

(kali@kali)-[~]
$ sh rev.sh
Enter a number:
3453
Reversed number: 3543
```

RESULT:

Hence, reversing number using shell script is executed successfully.

