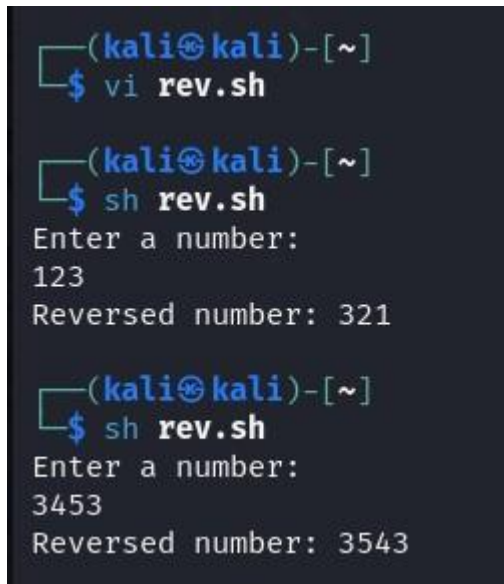


**EX.NO:3A DATE:****SHELL SCRIPT****AIM:** To write a Shell script to reverse a given digit using looping statement.**PROGRAM:**

```
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:**

```
(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.

