

Ex No.: 3a**SHELL SCRIPT**

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Aim :

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

Code:

```
echo "Enter a number:"

read n

rev=0

while [ $n -gt 0 ]
do
    d=$((n % 10))
    rev=$((rev * 10 + d))
    n=$((n / 10))
done

echo "Reversed number: $rev"
```

Output:

```
Enter a number:
332
Reversed number: 233
```

Result:

Thus the shell script to reverse a given digit using a looping statement has been executed successfully.