**Expr 3 a: Reverse a number**

**Reverse a number code:**

#!/bin/sh

# Prompt the user for a number

read -p "Enter a number: " n

# Initialize reverse number to 0

rev=0

# Loop to reverse the digits

while [ $n -gt 0 ]

do

  rem=$((n % 10))          # Get last digit

  rev=$((rev \* 10 + rem))  # Append digit to reverse

  n=$((n / 10))            # Remove last digit

done

# Display the result

echo "Reverse of the number: $rev"

**Output:**

user@linux:~$ ./rev\_digit.sh

Enter a number: 12345

Reverse of the number: 54321

**Result:**

Thus the Reverse a number Code is implemented in fedora using the shell script language