

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