

GIRIJA S P

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EXP NO:3a

Shell Script –Reverse the Digit

PROGRAM

```
cse81@localhost:~  
echo "enter a number"  
read a  
c=0  
while [ $a -gt 0 ]  
do  
b=`expr $a % 10`  
c=`expr $c \* 10 + $b`  
a=`expr $a / 10`  
done  
echo $c
```

OUTPUT

```
[cse81@localhost ~]$ sh reverse.sh  
enter a number  
12345  
54321
```

EXP NO:3b

Fibonacci Series

PROGRAM

```
cse81@localhost:~  
echo "enter a number"  
read n  
a=0  
b=1  
for (( i=0; i<n; i++))  
do  
echo $a  
fn=$(expr $a + $b)  
a=$b  
b=$fn  
done
```

OUTPUT

```
[cse81@localhost ~]$ sh fib.sh
enter a number
7
0
1
1
2
3
5
8
```