

EXP NO: 03

REVERSE A NUMBER

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EXP 3A: REVERSE A NUMBER

PROGRAM:

```
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:

```
enter a number
12345
54321
```

EXP 3B: FIBONACCI PROGRAM:

```
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:

```
enter a number
7
0
1
1
2
3
5
8
```