The Number

Shell Script – Reverse ~~of Digit~~

Aim:

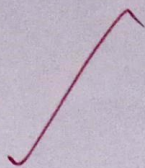To write a Shell script to reverse a given digit using looping statement.

Program:

```
echo " Enter a Number "
read a
rev = 0
while [ n -gt 0]
do
rem = $(( $a %. 10))
a = $(( $a / 10))
rev = $(( $rev * 10 + rem))
done
echo $rev
```

Enter a number
123

321 ✓

<u>Sample Input and Output</u>
<u>Run the program using the below command</u>
[REC@local host~]$sh indhu.sh

enter number
123
321

Result:

Thus the program executed successfully and
expected output is achieved

Ex. No.: 3b)

Date: 8|2|26

Shell Script – Fibbonacci Series

Aim:

To write a Shell script to generate a Fibonacci series using for loop.

Program:

```
echo " Enter a Number"
read n
a = 0
b = 1
C = 0
while [$n -gt 0]
do
  C = $a
  echo $a
  $a = $b
  b = $(( $a + $b))
done
```

Enter a number

4

0

1

1

2 ✓

Enter a number

4

0

1

2

enter number
21
fibonacci series
0
1
1
2
3
5
8
13
21
34
55
89
144
233
377

Result:

Thus the expected output is achieved