Ex. no: 2b)

Date:

Shell Script

Aim:
To write a Shell script to test given year is leap or not using conditional statement

Program:

```
echo "Enter a year:"
read year
if (( year % 4 == 0 )); then
if (( year % 100 == 0 )); then
if (( year % 400 == 0 )); then
echo "leap year."
else
echo "Not a leap year."
fi
else
echo "leap year."
fi
else
echo "Not a leap year."
fi
```

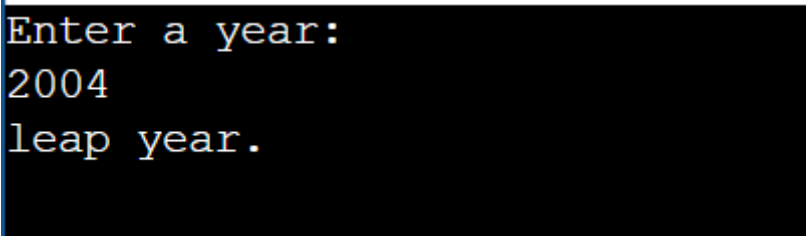**Sample Input and Output**
Run the program using the below command

 [REC @ local host~]$ sh leap.sh

enter number
12
leap year

Output:

```
Enter a year:
2004
leap year.
```


Result:
Program is executed successfully and output is verified.