

Ex. no: 2b)

Shell Script

Aim:

To write a Shellscript 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

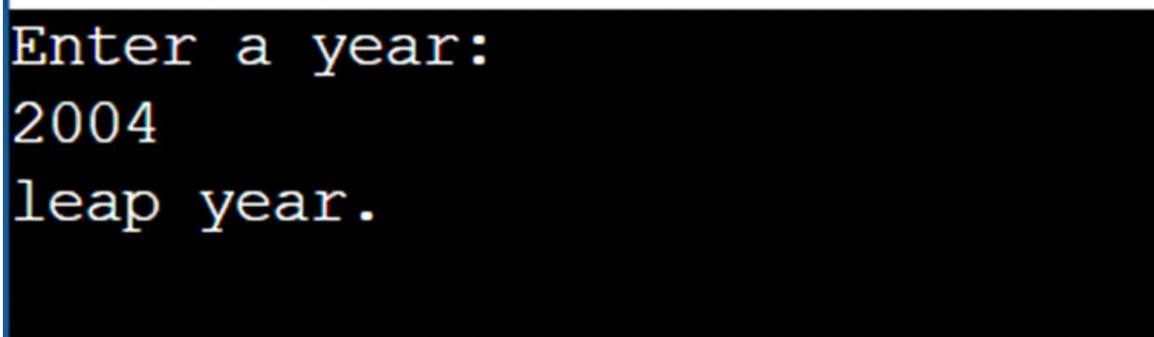
Run the program using the below command

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

enter number

12

leap year



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

Result:

The Shellscript to test given year is leap or not using conditional statement was executed and got the output.