

**Ex. no: 2b)**

**Shell Script**

**Aim:**

To write a Shellscrip 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 Shellsript to test given year is leap or not using conditional statement was executed and got the output.