

### PROGRAM – 3

```

/*****
/* Name of the Program : leap year */
/* Aim : check whether an entered year is leap year */
/* or not */
/* Author : Phebe John */
/* Date Written : 16.01.2018 */
*****/

/*****
/* PROGRAM: */

echo Enter a year
read year
a=`expr $year % 4`
b=`expr $year % 100`
c=`expr $year % 400`
if [ $a -eq 0 -a $b -ne 0 -o $c -eq 0 ]
then
echo "Entered year is a Leap year"
else
echo "Not a Leap year"
fi
*****/

/*****
/* RESULT : */
/* */
/* The script is executed and the output is verified */
/* */
*****/
```

```
/*****/
```

**OUTPUT:**

```
$ ./pgm3.sh  
Enter a year  
2016  
Entered year is a Leap year
```

```
$ ./pgm3.sh  
Enter a year  
2015  
Not a Leap year
```

```
/*****/
```