

EX.NO:2B

DATE:

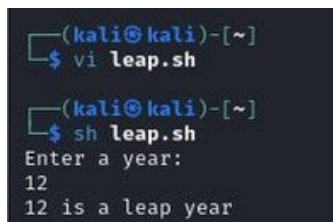
SHELL SCRIPT

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 [
$(expr $year % 4) -eq 0 ]; then
if [ $(expr $year % 100) -eq 0 ]; then
if [ $(expr $year % 400) -eq 0 ]; then
echo "$year is a leap year"
else echo "$year is not a leap year" fi
else
echo "$year is a leap year"
fi
else
echo "$year is not a leap year"
fi
```

INPUT & OUTPUT:



```
(kali@kali)~[~]
$ vi leap.sh

(kali@kali)~[~]
$ sh leap.sh
Enter a year:
12
12 is a leap year
```

RESULT: Hence, finding leap year using shell script is executed successfully.