

EX.NO:2B

DATE:

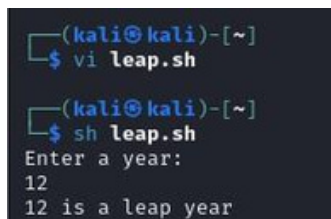
SHELL SCRIPT

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:

A screenshot of a terminal window with a dark background. The prompt is (kali@kali)~. The user enters 'vi leap.sh' and presses enter. The prompt changes to (kali@kali)~. The user enters 'sh leap.sh' and presses enter. The script outputs 'Enter a year:'. The user enters '12' and presses enter. The script outputs '12 is a leap year'.

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