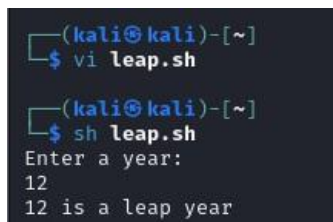


**EX.NO:2B****DATE:****SHELL SCRIPT****AIM:** To write a Shell script to test given year is leap or not using conditional statement**PROGRAM:**

```
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 \$, and the user enters 'sh leap.sh' and presses enter. The script then prompts 'Enter a year:', the user enters '12', and the script outputs '12 is a leap year'.**RESULT:** Hence, finding leap year using shell script is executed successfully.