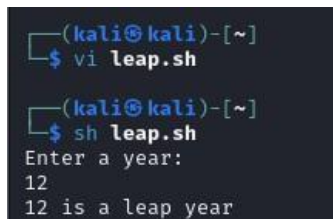


EX.NO:2B**DATE:****SHELL SCRIPT****AIM:** To write a Shell script to test given year is leap or not using conditional statement**PROGRAM:**

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