

# OPERATING SYSTEM - CS23431

## EX 2(B)

### SHELL SCRIPT – LEAP YEAR

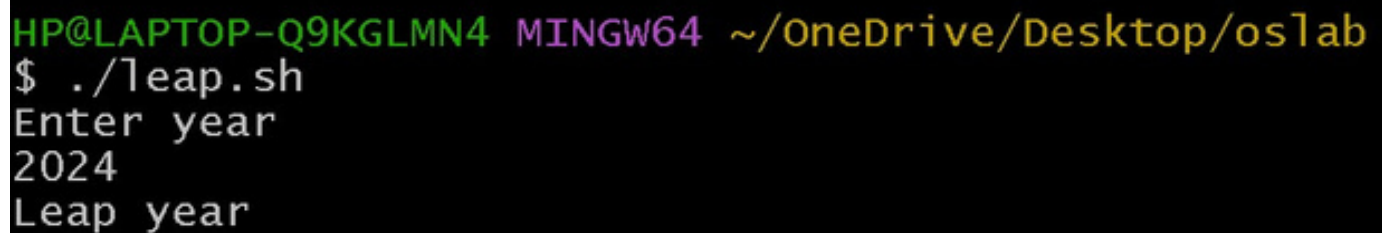
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#### PROGRAM:

```
echo "Enter year"read yearif [ $((($year % 400)) -eq 0 ); then    echo "Leap year"elif [ $((($year % 100)) -eq 0  
]; then    echo "Not a leap year"elif [ $((($year % 4)) -eq 0 ); then    echo "Leap year"else    echo "Not a Leap  
year"fi
```

#### OUTPUT:

A terminal window with a black background and yellow and green text. The prompt is 'HP@LAPTOP-Q9KGLMN4 MINGW64 ~/OneDrive/Desktop/oslab'. The user enters './leap.sh'. The script prompts 'Enter year' and the user enters '2024'. The script outputs 'Leap year'.

```
HP@LAPTOP-Q9KGLMN4 MINGW64 ~/OneDrive/Desktop/oslab  
$ ./leap.sh  
Enter year  
2024  
Leap year
```