

OPERATING SYSTEM - CS23431

EXP 2(B)

SHELL SCRIPT – LEAP YEAR

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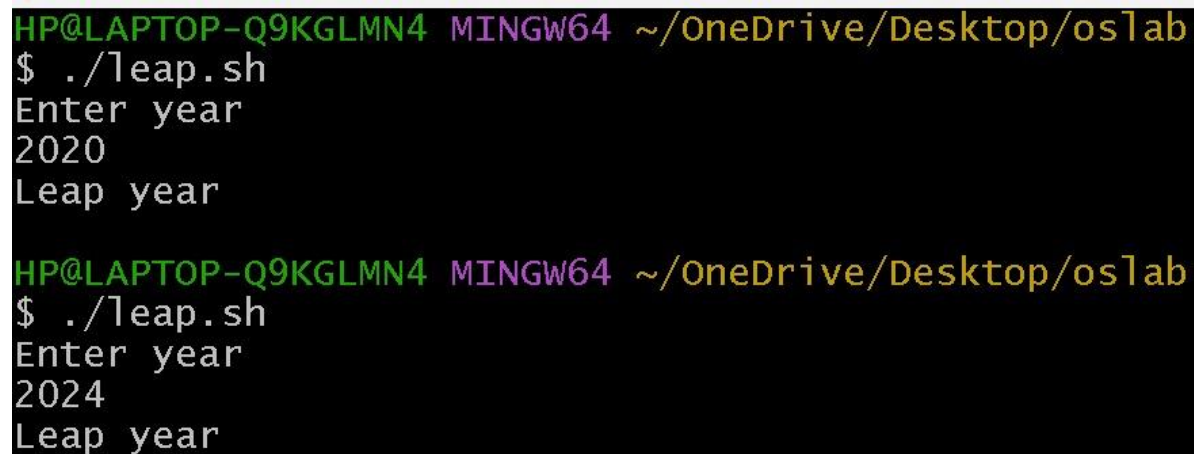
ROLL NO: 230701143

PROGRAM:

```
echo "Enter year"
read year

if [ $((($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:



```
HP@LAPTOP-Q9KGLMN4 MINGW64 ~/OneDrive/Desktop/oslab
$ ./leap.sh
Enter year
2020
Leap year

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