

NETWORKING & SYSTEM ADMINISTRATION LAB**Experiment No.: 20****Aim**

Write a shell script the given year is leap year or not.

Procedure

```
#!/bin/bash
```

```
echo "enter the year :"
```

```
read y
```

```
a=`expr $y % 4`
```

```
b=`expr $y % 100`
```

```
c=`expr $y % 400`
```

```
# -eq is for equal to
```

```
#-ne is for not equal to
```

```
if [ $a -eq 0 -a $b -ne 0 -o $c -eq 0 ]
```

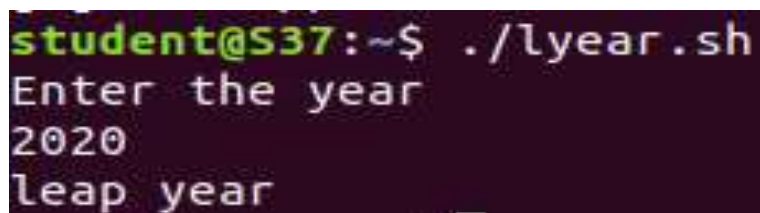
```
then
```

```
echo "$y is leap year"
```

```
else
```

```
echo "$y is not leap year"
```

```
fi
```

Output:

```
student@S37:~$ ./lyear.sh
Enter the year
2020
leap year
```

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