

PROGRAM 1 - LEAP YEAR

```
echo "Enter the year"
```

```
read year
```

```
a = `expr $year % 4`
```

```
b = `expr $year % 100`
```

```
c = `expr $year % 400`
```

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

```
then
```

```
echo $year is leap year
```

```
else
```

```
echo $year is not a leap year
```

```
fi
```