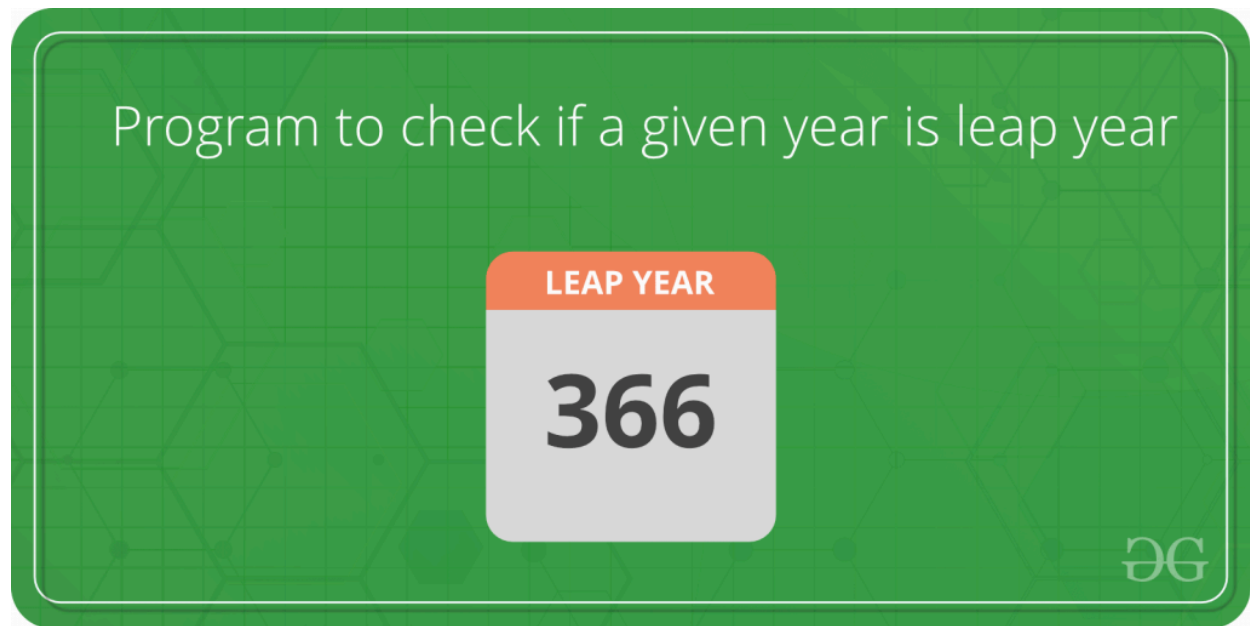


## Leap Year in Java

---

A year is a leap year if the following conditions are satisfied:

1. The year is multiple of 400.
2. The year is multiple of 4 and not multiple of 100.



```
// Java program to check for a leap year
```

```
class GfG {  
  
    public static void main(String[] args) {  
  
        int year = 2000;  
  
        boolean ans;  
  
        if (year % 400 == 0)  
  
            ans = true;
```

```
// Else If a year is multiple of 100,  
  
// then it is not a leap year  
  
else if (year % 100 == 0)  
  
    ans = false;  
  
// Else If a year is multiple of 4,  
  
// then it is a leap year  
  
else if (year % 4 == 0)  
  
    ans = true;  
  
else  
  
    ans = false;  
  
System.out.println(ans ? "Leap Year"  
                    : "Not a Leap Year");  
  
}  
  
}
```

Output

Leap Year