

```
import java.util.Scanner;

public class Leapyear {

    public static void main(String[] args) {
        int year, rem;

        Scanner sc=new Scanner(System.in);
        System.out.println("Enter the year");
        year=sc.nextInt();
        rem=(year%400==0) || (year%100==0) || (year%4==0)?1 : 0;

        switch (rem)
        {
            case 1:
                System.out.println("Leap year");
                break;

            case 0:
                System.out.println("Not a leap year");
                break;

            default:
                System.out.println("Invalid");
                break;
        }

    }

}
```

Output

```
Enter the year
2020
Leap year
```