

```
1 //14. Create a program that determines if a given
   year is a leap year (considering conditions like
   divisible by 4 but
2 //not 100, unless also divisible by 400).
3 import java.util.Scanner;
4
5 public class LeapYearChecker {
6     public static void main(String[] args) {
7         Scanner scanner = new Scanner(System.in);
8
9         System.out.print("Enter a year: ");
10        int year = scanner.nextInt();
11
12        if (isLeapYear(year)) {
13            System.out.println(year + " is a leap
year.");
14        } else {
15            System.out.println(year + " is not a leap
year.");
16        }
17
18        scanner.close();
19    }
20
21    public static boolean isLeapYear(int year) {
22        return (year % 4 == 0 && year % 100 != 0
) || (year % 400 == 0);
23    }
24 }
25
26
```