

~\Documents\GitHub\155-W2-H2\HW2\src\Problem\_5.java

```
1  /*
2  Name: Hunter Poole
3  Date: 1/29/25
4  Homework #: 2
5  Problem #: 5
6  Source File: Problem_5
7  Action: Given a year, determines if it is a leap year or not. Prints result.
8  */
9
10 import java.util.Scanner;
11
12 public class Problem_5 {
13     public static void main(String[] args)
14     {
15         Scanner Input = new Scanner(System.in);
16         System.out.print("Please enter a year: ");
17         int Year = Input.nextInt();
18
19         if (Year % 400 == 0)
20         {
21             System.out.println(Year + " is a leap year.");
22         } else if (Year % 100 != 0 && Year % 4 == 0) {
23             System.out.println(Year + " is a leap year.");
24         } else {
25             System.out.println(Year + " is not a leap year.");
26         }
27     }
28 }
29
30 /*
31 Please enter a year: 2000
32 2000 is a leap year.
33
34 Please enter a year: 2001
35 2001 is not a leap year.
36
37 Please enter a year: 1988
38 1988 is a leap year.
39
40 Please enter a year: 2031
41 2031 is not a leap year.
42
43 PS C:\Users\hunte\Documents\GitHub\155-W2-H2\HW2>
44 */
```