James Gutierrez

Assignment #2

1. a. 1900 is a leap year

b. 2000 is not a leap year

c. 1996 is a leap year

d. 1998 is not a leap year

2. a. line 3

b. line 6

c. line 10

d. line 6.

e. line 6

3. To extend the leap year algorithm to a say a year is a millennium year you can change line 1 to divide year by 1000. Line 2. If the remainder isn’t 0 return false. Return True

4. I was not born in a leap year.

5. Line 11… IF the remainder isn’t 0 ADD 1

ELSE Return the year as true

6. if (year % 4 != 0) //Line 1 nd 2

Return false // line 3

If ( year % 100 != 0) Line 4 and 5

Return true // line 6

If (year % 400 !=0) // line 7 and 8

Return false // line 9

Return true // line 10