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// CMP 167: Programming Methods I

import java.util.Scanner;

public class LeapYear {

public static void main(String[] args) {

Scanner in = new Scanner(System.in);

System.out.print("Enter month: ");

int m = in.nextInt();

System.out.print("Enter day: ");

int d = in.nextInt();

System.out.print("Enter year: ");

int y = in.nextInt();

System.out.println();

if (m < 1 || m > 12 || d < 1 || d > 31 || y < 1000 || y > 9999)

{

System.out.println("\nInvalid entry.");

}

else if (y % 4 == 0 && y % 100 != 0 || y % 400 == 0)

{

System.out.println(m +"/"+ d + "/" + y + " falls on a leap year.");

}

else

{

System.out.println(m + "/" + d +"/" + y + " doesn't fall on a leap year.");

}

}

}