**Assignment # 01**

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**Reg# 4152-FBAS/BSSE/F20**

**Question:**

***Make a calendar to show how many are leap years from 1600AC – 1999AC.***

***Using any programming language.***

**Answer:**

**Code of program:**

public class LeapYearCalendar {

public static void main(String[] args) {

int startYear = 1600;

int endYear = 1999;

int leapYearCount = 0;

System.out.println("Leap years in the calendar from " + startYear + " to " + endYear + ":");

for (int year = startYear; year <= endYear; year++) {

if (year % 4 == 0 && (year % 100 != 0 || year % 400 == 0)) {

System.out.println(year);

leapYearCount++;

}

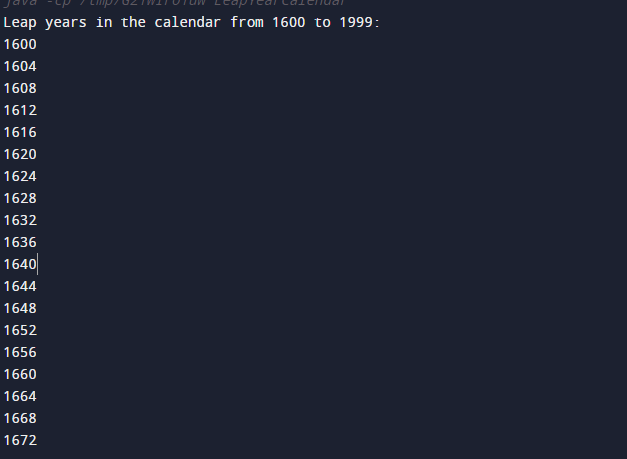
}

System.out.println("Total number of leap years: " + leapYearCount);

}

}

**Output:**



Text

Description automatically generated with medium confidence