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**CLASS: AINT-2A**

1. **Write a program which take a starting value and a ending value from user in Year and find the leap year between them.And Starting value should be above then 1000.**

import java.util.Scanner;

public class LeapYearBetween {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

// Take input for starting and ending years

int startingYear, endingYear;

do {

System.out.print("Enter starting year (should be above 1000): ");

startingYear = scanner.nextInt();

} while (startingYear <= 1000);

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

endingYear = scanner.nextInt();

// Display leap years between the range

System.out.println("Leap years between " + startingYear + " and " + endingYear + ":");

for (int year = startingYear; year <= endingYear; year++) {

if (isLeapYear(year)) {

System.out.print(year + " ");

}

}

scanner.close();

}

// Function to check if a year is a leap year

public static boolean isLeapYear(int year) {

return (year % 4 == 0 && year % 100 != 0) || (year % 400 == 0);

}

}