

OpenJudge 题目ID, 标题, 描述 郭旭杰 信箱 账号

CS101 / 题库 (包括计概、数算题目)

题目 排名 状态 提问

01008:Maya Calendar

查看 提交 统计 提问

总时间限制: 1000ms 内存限制: 65536kB

描述

During his last sabbatical, professor M. A. Ya made a surprising discovery about the old Maya calendar. From an old knotted message, professor discovered that the Maya civilization used a 365 day long year, called Haab, which had 19 months. Each of the first 18 months was 20 days long, and the names of the months were pop, no, zip, zotz, tzec, xul, yoxkin, mol, chen, yax, zac, ceh, mac, kankin, muan, pax, koyab, cumhu. Instead of having names, the days of the months were denoted by numbers starting from 0 to 19. The last month of Haab was called uayet and had 5 days denoted by numbers 0, 1, 2, 3, 4. The Maya believed that this month was unlucky, the court of justice was not in session, the trade stopped, people did not even sweep the floor. For religious purposes, the Maya used another calendar in which the year was called Tzolk'in (holly year). The year was divided into thirteen periods, each 20 days long. Each day was denoted by a pair consisting of a number and the name of the day. They used 20 names: imix, ik, akbal, kan, chicchan, cimi, manik, lamat, muluk, ok, chuen, eb, ben, ix, mem, cib, caban, eznab, canac, ahau and 13 numbers; both in cycles. Notice that each day has an unambiguous description. For example, at the beginning of the year the days were described as follows: 1 imix, 2 ik, 3 akbal, 4 kan, 5 chicchan, 6 cimi, 7 manik, 8 lamat, 9 muluk, 10 ok, 11 chuen, 12 eb, 13 ben, 1 ix, 2 mem, 3 cib, 4 caban, 5 eznab, 6 canac, 7 ahau, and again in the next period 8 imix, 9 ik, 10 akbal . . . Years (both Haab and Tzolk'in) were denoted by numbers 0, 1, . . . , where the number 0 was the beginning of the world. Thus, the first day was: Haab: 0. pop 0 Tzolk'in: 1 imix 0 Help professor M. A. Ya and write a program for him to convert the dates from the Haab calendar to the Tzolk'in calendar.

输入

The date in Haab is given in the following format:
NumberOfTheDay. Month Year

The first line of the input file contains the number of the input dates in the file. The next n lines contain n dates in the Haab calendar format, each in separate line. The year is smaller than 5000.

全局题号 10
添加于 2023-09-18
提交次数 1447
尝试人数 332
通过人数 324

你的提交记录

#	结果	时间
17	Accepted	2025-10-05
16	Accepted	2025-10-05
15	Wrong Answer	2025-10-05
14	Wrong Answer	2025-10-05
13	Wrong Answer	2025-10-05
12	Wrong Answer	2025-10-05
11	Wrong Answer	2025-10-05
10	Wrong Answer	2025-10-05
9	Runtime Error	2025-10-05
8	Runtime Error	2025-10-05
7	Runtime Error	2025-10-05
6	Runtime Error	2025-10-05
5	Runtime Error	2025-10-05
4	Runtime Error	2025-10-05
3	Runtime Error	2025-10-05
2	Runtime Error	2025-10-05
1	Runtime Error	2025-10-05