## 1076 An Easy Task

### 一、题目

#### 问题描述

Ignatius was born in a leap year, so he want to know when he could hold his birthday party. Can you tell him?

Given a positive integers Y which indicate the start year, and a positive integer N, your task is to tell the Nth leap year from year Y.

Note: if year Y is a leap year, then the 1st leap year is year Y.

#### 输入数据

The input contains several test cases. The first line of the input is a single integer T which is the number of test cases. T test cases follow. Each test case contains two positive integers Y and N(1<=N<=10000).

#### 输出数据

For each test case, you should output the Nth leap year from year Y.

#### 输入样例

3

2005 25

1855 12

2004 10000

#### 输出样例

2108

1904

43236

#### 题目来源

HDU 1076 http://acm.hdu.edu.cn/showproblem.php?pid=1076

### 二、题解

#### 解题思路

题目大意是某人出生于闰年Y年，问这个人的第N次生日在哪一年。

数据很水，所以可以直接暴力循环，从第Y年开始，每次遇到闰年计数器就加一，直到计数器=N，输出此时的年份即可。

#### 参考程序

#include <stdio.h>  
#include <stdlib.h>  
  
int main()  
{  
 int i,t,y,n,num;  
 while(scanf("%d",&t)!=EOF)  
 {  
 while(t--)  
 {  
 num=0;  
 scanf("%d%d",&y,&n);  
 for(i=y;num!=n;i++)  
 if((i%4==0&&i%100!=0)||i%400==0) num++;  
 printf("%d\n",i-1);  
 }  
 }  
 return 0;  
}

#### 复杂度分析

无

#### 编程技巧

无