1. 每400年就有97个闰年
2. 使用前缀和
3. 起始日期大于2月，加一年
4. 截止日期小于2月28/29号，减一年
5. #include <bits/stdc++.h>
6. **using** **namespace** std;
7. map<string,**int**> mp{{"January",1},{"February",2},{"March",3},{"April",4},{"May",5},{"June",6},{"July",7}
8. ,{"August",8},{"September",9},{"October",10},{"November",11},{"December",12}};
9. **bool** isrun (**int** year)
10. {
11. **return**  year%400==0||year%4==0&&year%100;
12. }
13. **int** getsum (**int** a)
14. {
15. **int** sum = a/400\*97;
16. **int** tmp = a - a%400+1;
17. **for** (;tmp<=a;++tmp){
18. sum += isrun(tmp);
19. }
20. **return** sum;
21. }
22. **int** scan1 ()
23. {
24. string tmp;
25. **int** day,year,month;
26. cin>>tmp;
27. scanf("%d,%d",&day,&year);
28. month = mp[tmp];
29. **if** (month>2)
30. year++;
31. **return** year;
32. }
33. **int** scan2 ()
34. {
35. string tmp;
36. **int** day,year,month;
37. cin>>tmp;
38. scanf("%d,%d",&day,&year);
39. month = mp[tmp];
40. **if** (!(month>2||month==2&&(day==29||day==28)))
41. year--;
42. **return** year;
43. }
44. **int** main()
45. {
46. **int** t;
47. cin>>t;
48. **for** (**int** m=0;m<t;++m){
49. **int** a = scan1();
50. **int** b = scan2();
51. printf("case #%d:\n",m);
52. cout<<getsum(b)-getsum(a-1)<<endl;
53. }
55. }