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Figure out next calendar date for a given calendar date

 locked

Problem

Submissions

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For a given calendar date output next calendar date *usign structure* in coding stub.

Input Format

Input will have n+1 lines.

First line will have value n.

Next n lines will have one date each in YYYY MM DD format.

Constraints

Input will have only valid dates from 0001-9999 year $1 \leq n \leq 50$

Output Format

Output will have n lines

Each line will have next date in YYYY MM DD format for corresponding date in input.

Sample Input 0

```
2
2020 01 01
2020 01 31
```

Sample Output 0

```
2020 01 02
2020 02 01
```

Sample Input 1

```
2
2020 02 29
2019 02 28
```

Sample Output 1



  Submissions: [115](#)

Max Score: 10

Difficulty: Hard

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```
2020 03 01
2019 03 01
```

Sample Input 2

```
2
2000 02 28
2100 02 28
```

Sample Output 2

```
2000 02 29
2100 03 01
```

Sample Input 3

```
2
2020 12 31
2020 05 31
```

Sample Output 3

```
2021 01 01
2020 06 01
```

Sample Input 4

```
3
2020 11 30
2020 10 30
2020 02 28
```

Sample Output 4

```
2020 12 01
2020 10 31
2020 02 29
```

C

```
1▼ #include <stdio.h>
2  #include <string.h>
3  #include <math.h>
4  #include <stdlib.h>
5
6  typedef struct
7▼ {
8▼     /* define appropriate members here */
9  }date;
10
11▼ int main() {
12
13▼     /* Enter your code here. Read input from STDIN. Print output to STDOUT */
14     return 0;
15 }
```

Line: 1 Col: 1



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Test against custom input

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