

```
1 //
2 // Created by hengxin on 10/16/21.
3 //
4
5 #include <stdio.h>
6
7 int main() {
8     int year;
9     scanf("%d",&year);
10
11     if (year % 4 != 0) {
12         printf("The year %d is a common year.\n", year);
13     } else {
14         if (year % 100 != 0) {
15             printf("The year %d is a leap year.\n", year);
16         } else {
17             if (year % 400 != 0) {
18                 printf("The year %d is a common year.\n", year);
19             } else {
20                 printf("The year %d is a leap year.\n", year);
21             }
22         }
23     }
24
25     return 0;
26 }
27
```