

```
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         if (year % 100 == 0) {
13             if (year % 400 == 0) {
14                 printf("The year %d is a leap year.\n", year);
15             } else {
16                 printf("The year %d is not a leap year.\n", year);
17             }
18         } else {
19             printf("The year %d is a leap year.\n", year);
20         }
21     } else {
22         printf("The year %d is not a leap year.\n", year);
23     }
24
25     return 0;
26 }
27
```