

leap_year.c

```
1 #include <stdio.h>
2
3 int main() {
4     int year;
5
6     printf("Enter a year: ");
7     scanf("%d", &year);
8
9     if (year % 400 == 0) {
10         printf("%d is a leap year.\n", year);
11     }
12     else if (year % 100 == 0) {
13         printf("%d is NOT a leap year.\n", year);
14     }
15     else if (year % 4 == 0) {
16         printf("%d is a leap year.\n", year);
17     }
18     else {
19         printf("%d is NOT a leap year.\n", year);
20     }
21
22     return 0;
23 }
24 }
```