```c
//
// Created by hfwei on 2023/10/6.
//

#include <stdio.h>

int main(void) {
  int year = 0;
  scanf("%d", &year);

  // TODO: leap year or not
  // boolean variable
  int leap = 0;
  // TODO (hfwei): arrow code
  if (year % 4 == 0) {
    if (year % 100 == 0) {
      if (year % 400 == 0) {
        leap = 1;
      } else {  // can be removed
        leap = 0;
      }
    } else {
      leap = 1;
    }
  } else {  // can be removed; // easier case goes first
    leap = 0;
  }

  if (leap == 0) {
    printf("%d is a common year\n", year);
  } else {
    printf("%d is a leap year\n", year);
  }

  return 0;
}
```