



main.cpp

```
1 #include <iostream>
2 using namespace std;
3
4 int main() {
5
6     int year;
7     cout << "Enter a year: ";
8     cin >> year;
9     if (year % 400 == 0) {
10         cout << year << " is a leap year.";
11     }
12     else if (year % 100 == 0) {
13         cout << year << " is not a leap year.";
14     }
15     else if (year % 4 == 0) {
16         cout << year << " is a leap year.";
17     }
18     else {
19         cout << year << " is not a leap year.";
20     }
21
22     return 0;
23 }
```

Run

Output

Clear

```
/tmp/9Ta76x7NUw.o
Enter a year: 2004
2004 is a leap year.
```



C++ Course, Enhanced by AI

Learn cpp the right way – solve challenges, build projects, and leverage the power of AI to aid you in handling errors.

Get Started for Free



```
main.cpp
1 #include <iostream>
2 using namespace std;
3
4 int main() {
5     int n, sum = 0;
6
7     cout << "Enter a positive integer: ";
8     cin >> n;
9
10    for (int i = 1; i <= n; ++i) {
11        sum += i;
12    }
13
14    cout << "Sum = " << sum;
15    return 0;
16 }
```



Run

Output

Clear

```
/tmp/AUsktHICT9.o
Enter a positive integer: 50
Sum = 1275
```



C++ Course, Enhanced by AI

Learn cpp the right way – solve challenges, build projects, and leverage the power of AI to aid you in handling errors.

Get Started for Free