

Each of the following assignments is to be submitted to the autograder at gradescope.com. Each assignment will have a specific filename you must create or the grader will fail your work. You are allowed to submit as many times as you like to get full credit.

1. Hello World

Description

Write a program that prints Hello World

File Name

hello.c

Score

There is a single test worth 2 points

2. Leap Year Program

Description

Write a program for determining if a year is a leap year. In the Gregorian calendar system you can check if it is a leap year if it is divisible by 4 but not by 100 unless it is also divisible by 400.

For example, 1896, 1904, and 2000 were leap years but 1900 was not.

Write a program that takes in a year as input (as a command line argument) and returns the string "{year} was a leap year" if true and "{year} was not a leap year" if false.

Note: background on leap year https://en.wikipedia.org/wiki/Leap_year. Also, to pass the autograder, you must call your program as shown below. More information on how to write your main function to do this can be found here:

<https://www.tutorialspoint.com/What-does-int-argc-char-argv-mean-in-C-Cplusplus>

Here is a positive example call to the program

```
.\isleapyear 1896
```

output:

```
1896 was a leap year
```

Here is a negative example call to the program

```
.\isleapyear 1897
```

output:

1897 was not a leap year

File Name

isleapyear.c

Score

There are five tests each worth 1 point