Lab Work 1

Write a program by using Python

The program has certain functions:

1. The user can verify whether a year is a leap year or not.
2. The user can enter a time and time zone to get the corresponding Greenwich time (GMT +0).

Hints

- For definition of time zone and Greenwich time you can refer to: https://www.timeanddate.com/time/zones/gmt

- In the Gregorian calendar, three criteria must be taken into account to identify leap years:

The year must be evenly divisible by 4;
If the year can also be evenly divided by 100, **it is *not* a leap year;**
unless...
The year is also evenly divisible by 400. **Then it *is* a leap year.**

Marking Criteria

1.	Code can be executed without any error	2%
2.	Leap year function is correct	2%
3.	Timezone function is correct	2%
4.	Include loops and selections	2%
5.	Sufficient comments and indentations	1%
6.	Efficient logic	1%