

Homework #4. If statements.

In all of the tasks use `input()` to take information from the user.

Tasks:

1. Write a program that takes a string containing the name of the month and return the season of that month. (e.g. January – Winter)

2. Write a program that takes as input month number of user's birth and day (e.g. month = 12, day = 19), and returns the Zodiac sign of the user. You can look up the dates for the Zodiac sign here <https://en.wikipedia.org/wiki/Zodiac>

3. Write a code where the user inputs a year, and a program determines if this year is a leap or not. https://en.wikipedia.org/wiki/Leap_year

A year is leap if its number is an [integer](#) multiple of 4 (except for years evenly divisible by 100, which are not leap years unless evenly divisible by 400).

You can check if something is a multiple using `%` operation (e.g. `16%4` is equal to 0, which means that 16 is a multiple of 4)

Use nested if for this task.