Inside the `hw/` directory of the private GitHub repo where you have submitted your previous homework, please create a new directory called `hw4`. All of the code that you write should appear in a `hw4.py` file within this directory. Make sure to add `hw/hw4/hw4.py` to the repo and commit your changes with `$ git commit -a -m "replace this with your own log message"`. If you are working from a previously cloned repo, remember to execute `$ git pull` to retrieve any changes from `github.com` before committing.

Question 1. *In `hw4.py`, please write a function called `filter_dates(text)` that takes a string as input and returns a list of all* valid *dates found in `text`. To be a valid date, it must appear in the YYYY-MM-DD format, have a positive month that is* ≤ 12*, and have a positive day that is* ≤ 31*. For this question, you do not need to worry about the exact number of days in each month, as long as your expression ensures that no month has more than 31 days.*

Your solution might use similar techniques to the `filter_phones()` function in Lab 9.

Here is the expected output when we run the program:

```
>>> from hw4 import filter_dates
>>> filter_dates("1992-06-22 1623-13-01 12-09-2015 0000-00-00 0000-01-01")
['1992-06-22', '0000-01-01']
```