

NLP Assignment 1 - Regular expression

Use regular expression to match time expressions (including **year**, **month**, **date**, while excluding week, hour, minute, second) in the attached corpus and enclose every extracted time expression with `<t>....</t>` tag.

The sample output is shown below:

- Seeking an early meeting between Koo and Wang, on `<t>January 8, 1992</t>` ARATS sent a letter inviting the SEF chairman, vice chairman, and secretary-general to visit Beijing. After more than a year of preparation, on `<t>April 8-10, 1993</t>`, Cheyne Chiu, then concurrently SEF vice chairman and secretary-general, visited Beijing.
- However, on `<t>June 21</t>`, the Executive Yuan released guidelines for the formation of committees that will in the future be responsible for hiring heads of SOEs.
- Maya: Mysteries in the Jungle" (Time: National Museum of History, Taipei, `<t>5/3-7/31</t>`; Taiwan Museum of Art, Taichung, `<t>8/17-10/20</t>`)
- And what has been opened so far is only one-twelfth of the planned total for the museum's completion in `<t>1991</t>`.

Your submission includes:

1. The source code (using any programming language)
2. Executable file
3. Report (including your programming language and briefly describe the regular expressions you designed) A
4. The output text (Named as "your student ID.txt", for example "104522059.txt")

Pack up the above files into a compressed file (Named as "your student ID_hw1.rar") and upload it to LMS. Thank you.

Deadline: Oct. 2 at 11p.m.

If you have problem on regular expression, you can reference the following website.

Wiki: https://en.wikipedia.org/wiki/Regular_expression

RegExr: <http://regexr.com/>