

## Lab 1 Web APIs

**Please read the instructions of these problems.** **1**

**Problems** **1**

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|---|---|
| 1. Search for web APIs that you like and explain why (6 points)   | 1 |
| 2) What is a Web API that you want to develop and why? (4 points) | 2 |

Given Aug 8, 2018

Due Aug 15, 2018

**Please read the instructions of these problems.**

Please then copy this document and fill your answers, and submit the document to the Google classroom of the class. Please rename your document name as <yourID>-198371-lab1 such as 5930401234-198371-lab1

There are two problems in this lab. Please finish the first two problem within the lab hours.

### Problems

**1. Search for web APIs that you like and explain why (6 points)**

Please look at APIs at <http://programmableweb.com/> or <http://www.kku.ac.th/ikku/api/> and then do these following tasks

1.1) specify API name, URL, and the reason that you like

1.2) try to call at least one function of that API and please capture the screen that shows the success call of the function. If your call is successful, you should see data in either XML or JSON. Note that you can capture some part of the result.

You can call API by tools, except a browser, or by your own programs. Tools that allow you to call without writing programs such as apigee, postman or soapUI

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1.3) Try to call at least one function of social media site, such as Facebook and Twitter, and capture the success posting your status via using API both on the tool that calls web API and on the social media web site.

**2) What is a Web API that you want to develop and why? (4 points)**