

# Supplementary Material of Assignment 1

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## 1 Perl Modules

Please be reminded that you can only use the following Perl module in your assignment 1:

- CGI Module

List of functions can be found in <http://perldoc.perl.org/CGI.html>.

- DBI Module

We expect you are using MySQL DBD driver with DBI module. However, other DBD driver such as SQLite is also allowed.

If you are using SQLite in your implementation, please include the creation of SQLite database in your installation script.

Note that you are not allowed to connect to database server that is outside OpenShift.

- Data::Dumper

Example of Data::Dumper is covered in tutorial 3.

Use of any other Perl module or Perl Core module which is not listed above will receive mark deduction.

## 2 HTML and CSS

You can use any HTML tags, attribute and CSS as long as it give reasonable website and user interface. Please make sure your page can be view using either Google Chrome 32 or Mozilla

Firefox 23. However, there are few points to be highlighted:

- Use of `<iframe>` is not encourage as it may be blocked by NotScript extension of Chrome (detail in next section). If you insist using `<iframe>`, please let tutor know during demonstration.
- Redirection using `<meta>` tag of HTML is allowed.

### 3 JavaScript

Please note that you cannot use any JavaScript in assignment 1, including scripts in `<script>` tag and inline JavaScript triggered by events such as `onclick`.

During demo, we will block any script by browser extensions. For Google Chrome, we are using **NotScript**, which is available in Chrome Web Store (<https://chrome.google.com/webstore/detail/notscripts/odjhifogjcknibkahlpidmdajjpkkcfn>). For Mozilla Firefox, we are using **NoScript**. You can get NoScript Security Suite from Mozilla official add-on list (<https://addons.mozilla.org/zh-tw/firefox/addon/noscript/>).

It is recommended to try these extensions before you submit. If your work is affected by these extensions but not because of using JavaScript, please let tutor know during demonstration.

### 4 Gateway Timeout of OpenShift

If you are encountering gateway timeout or proxy error during photo upload, here are some suggestions to get rid of it:

- Use `-thumbnail` flag from `convert`.
- Run `convert` in background

After all, **NO mark will be deduct** if these error occurred during demo.