**Catalyst IT pty Interview Task**

1. **Introduction**

The both questions has been solved in php script.

**1. script task**

**2. Logic task**

Both task are kept into source control git. Repository using two branches for each of the above task.

1. script task →***script\_test (branch)***

2. logic task → ***logic\_test(branch)***

all the effective updates can be seen on the each branches commits rather than master.

While cloning repository files from remote please rename a folder called ( **script\_task** to **catalystIT** ) in your local html path after cloning project files as done below example no. 1.

example no. 1: /var/www/html/**script\_task**/files\_here. To /var/www/html/**catalystIT**/files\_here.

1. **Software and dependencies**

* There are no such libraries or versions of software dependencies installed to do this project
* Latest version of LAMP installed will execute the code in ubuntu 16.04
* phpmyadmin installation
* start all of the above.

1. **Script task.**

The script task execute Php script through the command line directives. In git repository it is separated in **branch called script\_test.**

**Steps to execute the code:**

* on command : go to the file directory and put the command as given below
  + */var/www/html/catalystIT#* **php user\_upload.php --file 'users.csv' --create\_table 'users' -u='root' -p='\*\*\*\*\*' -h='localhost'**
  + **--file ‘users.csv’ →** this is the name of the CSV to be parsed
  + **--create\_table ‘users’ →** this will cause the MySQL users table to be built
  + **-u=’root’ →** MySQL username
  + **-p=’\*\*\*\*\*’ →** MySQL password
  + **-h=’localhost’ →** MySQL hostname
* you can check in --help command also about the directive details.
  + */var/www/html/catalystIT#* **php user\_upload.php --help**

1. **Logic task.**

The logic task has simple code embeded in single file called foobar.php inside same folder catalystID. In git repository it is in another **branch called logic\_test**

**Steps to execute the code:**

* on command : go to the file directory and put the command as given below
  + ***/var/www/html/catalystIT#* php foobar.php**