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| **INF 354 Homework Assignment** | | | |
| **Assignment #:** | **4** | **DUE DATE:** | **For class test** |
| **Topic:** | MongoDB and PHP integration | | |
| **Instructions:** | Importing IP2Location data into MongoDB and querying with PHP  The aim of this is to demonstrate how to import IP2Location data (DB11) in csv form into MongoDB and then query the data in a PHP web page.  First of all, you will need to download the IP2Location DB11 csv file. Download Free LITE version at <http://lite.ip2location.com/database-ip-country-region-city-latitude-longitude-zipcode-timezone>  Extract out the IP-COUNTRY-REGION-CITY-LATITUDE-LONGITUDE-ZIPCODE-TIMEZONE.CSV file from the downloaded zipped file.  **Windows**  At the command prompt, run the following command:   |  |  | | --- | --- | | 1 | C:\mongodb\bin\mongoimport --drop --db ip2location --collection db11 --type csv --file "C:\inetpub\wwwroot\TestMongoPHP\IP-COUNTRY-REGION-CITY-LATITUDE-LONGITUDE-ZIPCODE-TIMEZONE.CSV" --fields ip\_from,ip\_to,country\_code,country\_name,region\_name,city\_name,latitude,longitude,zip\_code,time\_zone |   My MongoDB is installed in C:\mongodb but if your installation folder is different, remember to change the example above. Same with the csv file folder; mine is C:\inetpub\wwwroot\TestMongoPHP\ so remember to change to the folder where you have extracted the csv file earlier.  Note: You will need to install the PHP driver for MongoDB. Please see the link below for more info: Go to <http://docs.mongodb.org/ecosystem/drivers/php/> for more info.  Tasks:   * Print on a single page the code to complete a IP lookup from the MongoDB * Print the following information out extracted from the MongoDB lookup  1. Country name 2. City name 3. Longitude and latitude 4. Time\_zone | | |
| **Reference materials:** | **Google** | | |

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| **Outcome** | **Mark** |
| **Class test** | **5** |
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| **Total** | **5** |