1. Download and install MongoDB

I will try to create a condensed installation guide, but if it doesn't make sense, you can follow the guide here: http://docs.mongodb.org/manual/tutorial/install-mongodb-on-windows/

I am using Windows 7 64-bit, so I downloaded the **Window 64-bit 2008 R2+** version. Download and run the .msi installer.

2. Set up MongoDB environment

MongoDB requires a data directory to store all data. MongoDB's default data directory path is \data\db. Go create this folder.

You can specify an alternate path for data files using the *--dbpath* option to mongod.exe, for example:

```
C:\mongodb\bin\mongod.exe --dbpath d:\test\mongodb\data
```

Use quotes if your path name includes white spaces.

3. Start MongoDB

Run mongod.exe in your bin folder or run it from the command prompt:

```
C:\mongodb\bin\mongod.exe
```

This starts the main MongoDB database process. The waiting for connections message in the console output indicates that the mongod.exe process is running successfully.

4. Connect to MongoDB

Run mongo.exe in your bin folder or from command prompt:

C:\mongodb\bin\mongo.exe

This opens a connection to your MongoDB process. That's pretty much it. Here is an example of a session where I create a database, collection, and insert a document in it.

```
use db openlms
j = { name : "mongo" }
db.test.insert(j)
show collections
db.test.find()
```

List of some commands:
`db`: Shows the current database being used.
`show dbs`: Shows all databases.

`use db <name>:` Use a database. This is also how you create a new database. Just type in `use db` and enter the name, and it will use the new database. The database isn't actually created until you insert a collection or file into the database.
`show collections:` Shows the collections of a database (collections are sort of like SQL tables)

5. Install PHP Mongo Drivers

Now we need a way to communicate with our Mongo database from a browser. I went with PHP. These next few steps may be a bit confusing. I'll explain what I did first for my system, then explain the reasoning behind it.

I downloaded: **php_mongo-1.6.5.zip** from here:

https://s3.amazonaws.com/drivers.mongodb.org/php/index.html

Inside this zip, there are a bunch of different .dll files. You only use one of these files, but it is crucial that you use the right one.

If I run a php sript and call `phpinfo()`, it will show me my php version. In my case, it is PHP Version 5.6.3. This corresponds to this file in the zip: `php_mongo-1.6.5-5.6-vc11.dll`. The files that have "nts" are for something else and not useful to us for now.

I am using XAMPP to run my php stuff. I put `php_mongo-1.6.5-5.6-vc11.dll` in my php ext folder (for example, D:\xampp\php\ext).

In my php.ini file in my php folder (D:\xampp\php), I add this entry:

```
extension=php_mongo-1.6.5-5.6-vc11.dll
```

If you are using XAMPP, you may get some errors if you don't copy libasl.dll from D:\xampp\apache\bin to D:\xampp\php

You're all set up now. Run the mongoUpload.php from the github repository, and try uploading a file. Make sure mongod.exe is running in the background. This script will upload a file to 'openlms' database.

If you are using 'openlms' database, try issuing the command `db.fs.files.find()`. You will see your file if it was uploaded successfully. If you are using a different database name, edit the mongoUpload.php file and change selectDB('openlms') to your chosen name.